

# Amateur Photographer

Passionate about photography since 1884

## The **10** **Commandments** of wildlife photography

**Three top photographers**  
reveal the essential things  
you need to know

## A **new look** at architecture

Why simplicity is the key  
for images with impact



**Tamron 15-30mm**  
**Tested:** the world's first stabilised,  
f/2.8 full-frame wideangle zoom



**FULL TEST**

## **Canon** EOS M3

Is this the CSC  
**Canon** should have  
made to start with?

**LOCATION GUIDE** Mark Bauer recommends a favourite corner of Wiltshire

SIGMA



GRAND HOTEL EXCELSIOR, MALTA © JOE SMITH



# SIGMA 12-24<sup>mm</sup> F4.5-5.6 II DG HSM

For Sigma, Canon, Nikon and Sony  
Supplied with fitted padded case

**Ultra-wide-angle zoom lens designed for full frame  
and APS-C size digital SLRs.**

Sigma created the world's first ultra-wide-angle lens, the 21-35mm F3.5-4, back in 1979. Things have moved on a lot since then. Designed for both full frame and APS-C SLRs, this ultra wide-angle zoom lens features the latest optical technology and provides excellent performance. FLD glass, which has performance equal to fluorite, and SLD glass provide excellent correction of colour aberration. Aspherical lenses give advanced performance with a compact and light-weight construction and ensure high image quality throughout the entire zoom range. The Super Multi-Layer Coating reduces flare and ghosting and incorporation of HSM ensures quiet and high speed autofocus as well as full-time manual focus capability.

**SIGMA**  
3 YEAR UK WARRANTY  
For registration and conditions log on to  
[www.sigma-imaging-uk.com/warranty](http://www.sigma-imaging-uk.com/warranty)



COVER PICTURE © RICHARD PETERS

## In this issue

### 10 The 10 commandments of wildlife photography

Three top wildlife photographers share their expert tips and techniques

### 20 Master of minimalism

Armed with a humble smartphone, Yener Torun is showing why you don't need expensive kit to capture world-class images

### 28 Location guide

Mark Bauer on why Martinsell Hill in Wiltshire is a hidden gem

### 30 Toil & strife

Kevin McElvaney explains how and why he photographed the men who mine sulphur in East Java, Indonesia

### 38 Appraisal

Damien Demolder examines your images

### 42 Canon EOS M3

Andy Westlake finds out whether Canon's first CSC aimed squarely at enthusiast photographers hits the mark

### 51 Tamron SP 15-30mm f/2.8 Di VC USD

Tamron's latest wideangle zoom combines a fast and constant f/2.8 maximum aperture with optical stabilisation. Michael Topham puts it to the test

## Regulars

### 3 7 days

### 18 Inbox

### 34 Reader Portfolio

### 40 Accessories

### 55 Technical Support

### 90 Final Analysis



From the first doodles with a pencil to a finished product arriving in a shop, it can take years to design and manufacture a camera. If you

are starting a new range, the planning and development stages are critical. Designers must look at trends, develop new technologies and predict what the competition will be doing in a few years' time. Most importantly, the camera has to live up to the expectations of

you, the demanding enthusiast photographer.

Arguably, Canon got its EOS M compact system camera wrong. The company's first attempt at a CSC was clunky, slow to autofocus and seemed a couple of years behind the competition. The follow-up, the EOS M2, was only released in Asia and the original EOS M camera was last on sale for as little as £199. On pages 42-47 we test the EOS M3 and find out whether Canon has finally caught up with the competition. **Richard Sibley, deputy editor**

JOIN US  
ONLINE

Amateur  
photographer

amateurphotographer.co.uk



Like us on  
Facebook.com/Amateur  
photographer.magazine



Join our Flickr group  
at flickr.com/groups/  
amateurphotographer



Follow us  
on Twitter  
@AP\_Magazine

## ONLINE PICTURE OF THE WEEK



IMAGES MAY BE USED FOR PROMOTION PURPOSES ONLY AND ON SOCIAL MEDIA

### Death Valley by Patrick Trombly

Canon EOS 650D, 18-55mm, 1/160sec at f/13, ISO 100

This image of Death Valley in California, USA, was uploaded to our Flickr page. 'I am a travelling sound guy and drummer, and I had shows in the area,' says Patrick. 'I found myself with a rare day off and a friend had recommended that I venture out into the valley to have a look around. Luckily, I always carry my camera with me. As I pulled into

one of the turnouts, the horizon just grabbed my eyes. All the textures and unique layers of desert colours against the vibrant blue sky looked like an alien planet to me. I got set up and took three exposures before I moved on. It was only later, when I got back to my hotel, that I discovered the image I had captured. I thought it was beautiful.'

**PermaJet**  
PROFESSIONAL INKJET MEDIA



**Win!** Each week we choose our favourite picture on Facebook, Flickr or the AP forum using #appicoftheweek. PermaJet proudly supports the online picture of the week winner, who will receive a top-quality print of their image on the finest PermaJet paper. It is important to bring images to life outside the digital sphere, so we encourage everyone to get printing today! Visit [www.permajet.com](http://www.permajet.com) to learn more.

## Send us your pictures

If you'd like to see your work published in *Amateur Photographer*, here's how to send us your images:

**Email** Email a selection of low-res images (up to 5MB of attachments in total) to [appicturedesk@timeinc.com](mailto:appicturedesk@timeinc.com).

**CD/DVD** Send us a disc of high-resolution JPEG, TIFF or PSD images (at least 2480 pixels along its longest length), with a contact sheet, to the address on page 19.

**Via our online communities** Post your pictures into our Flickr group, Facebook page or the gallery on our website. See details above.

**Transparencies/prints** Well-packaged prints or slides (without glass mounts) should be sent by Special Delivery, with a return SAE, to the address on page 19.

## NEWS ROUND-UP

The week in brief, edited by Chris Cheesman

### Weston shocker

A man who appeared on a US version of *Antiques Roadshow* was stunned to learn that four Edward Weston prints that had been languishing in a box at home are worth more than \$250,000. 'It was interesting to hear the history behind the photographs,' said Andrew, owner of the 1930s prints that had been in his family for more than 50 years.



### Hondros winner

Canadian photographer Kevin Frayer has won the fourth annual Getty Images and Chris Hondros Fund Award, and receives a grant of \$20,000 for his documentary work. The award is named in honour of photojournalist Chris Hondros, who was killed in Libya in 2011.



### Baltimore shots

An amateur photographer's incredible black & white documentary photos of the Baltimore riots in America have reinforced the power of citizen journalism, by scooping professional photojournalists in reporting on the event. 'Guess I'm a real photographer now,' wrote Devin Allen on his Twitter account, as he was besieged by the world's media.



### Leica on location

Leica has announced a series of workshops where students are loaned a Leica for the course. The first is a four-day event in Provence, France, in May, called Travel with Jules. Visit [www.travelwithjules.co.uk/experiences/leica-location](http://www.travelwithjules.co.uk/experiences/leica-location).



### Contemporary stars

Getty Images has revealed its shortlist of 20 young contemporary photographers as part of a new competition to find the stars of the future. The Next Photographer Award is organised by Getty in a tie-up with Design and Art Direction, a body that aims to promote excellence in design and advertising. To view the images, visit [www.dandad.org/en/next-photographer-award](http://www.dandad.org/en/next-photographer-award).



## WEEKEND PROJECT

### Photograph your car

Whether you have a gorgeous classic, a hot hatch or a family runaround, why not try to shoot your car in a style that wouldn't look out of place in a glossy car magazine? Take a look at a few car magazines for inspiration and try to deconstruct why they work so well. Think about the angle and framing, focal length used, location and if they've captured that feeling of speed. Before you set off with your camera and car, though, make sure it is spotlessly clean - even the best Photoshop retouching can't clean a grubby car, while you'll need an insured friend free to do the driving. And think where you're going to shoot as well: avoid busy roads, opting for quiet country lanes towards the end of the day that are dappled in warm evening light.

**1** The obvious place to start is with a panning shot. Experiment with shutter speeds and, to help, ask someone to drive the car past you relatively slowly. Also, set yourself as far back from the road as possible.

**2** For static shots, get down low to add drama and use a telephoto lens to compress perspective. Think about the angle and try to get a pleasing and balanced front three-quarter shot, maybe tilting the camera a little.

BIG  
picture

Chris Packham exhibits work at the World Land Trust Art Gallery

While many of us know Chris Packham as a wildlife presenter, others will know him as a keen photographer. Photographs by Chris Packham are a special feature of *Watching Spring: a Celebration of the Season*, an exhibition at the World Land Trust Art Gallery in Halesworth, Suffolk. The World Land Trust Gallery specialises in wildlife and landscape artworks, so it's a fitting home for such a well-known naturalist. Chris's new book *100 Things That Caught My Eye* will be on sale in the gallery during the show. It's worth noting that *Watching Spring* also features original works by AP contributor David Tipling.

The exhibition runs until 20 June. For more information visit [www.worldlandtrust.org](http://www.worldlandtrust.org).

## Words &amp; numbers

If each photograph steals a bit of the soul, isn't it possible that I give up pieces of mine every time I take a picture?

Richard Avedon  
American photographer  
(1923-2004)



**3** Dedicated boom arms allow you to attach a camera to the car, so you can capture (triggering the camera remotely) close-up shots while the car's moving. Even 5mph is enough – the arm can be removed in Photoshop.

**4** Don't just think about shooting the whole car, either. Look to pick out those little details on the body as well as the interior. A 50mm fast prime lens on a full-frame body is perfect for isolating these elements of the car.



© PHIL HALL  
Boom arms can produce striking results

**16.8%**

Increase in demand for superzoom compacts in the UK in March 2015, compared with the same month last year

SOURCE: GFK



The design of the M Monochrom is based on the M-P (Type 240)

# Leica unveils updated M Monochrom

 LEICA has announced the M Monochrom (Type 246), an updated version of its black & white-only rangefinder camera. Whereas the original M Monochrom was based on the M9 with its 18MP CCD sensor, the new model is based on the latest M-P (Type 240) that uses a 24MP full-frame CMOS sensor. The Type 246 has an identical body design to the M-P, but the sensor has no colour filter array (CFA), resulting in exceptionally sharp monochrome images.

Removal of the CFA means that more light reaches the sensor, and this has a knock-on effect to the sensitivity range, which now covers ISO 320–25,000. Leica says that dynamic range is also improved, and recorded in the 14-bit DNG raw files.



'Sapphire-crystal' coating prevents LCD reflections

The rear 912,600-dot LCD uses a 'sapphire-crystal' glass cover with anti-reflective coatings. Continuous shooting is available at 4fps, thanks to a 4GB buffer and Leica's Maestro processor.

As the sensor has no colour sensitivity at all, contrast control requires on-lens coloured filters, just as with black & white film. Leica will be releasing its own yellow, orange and green filters in 39mm and 46mm sizes to go with the M Monochrom.

The camera has live view, with 5x and 10x magnified views, plus a peaking display for critical focusing. This outlines high-contrast edges in

red, which stands out nicely against the monochrome image. The camera also has a port for the optional EVF-2 viewfinder, as used by the Type 240 (and the same as the Olympus VF2).

The M Monochrom also allows full HD movie recording, and while it has no built-in



The optional EVF-2 viewfinder can be attached

microphone socket, one can be added via an adapter that slots onto the accessory shoe. Unfortunately, you can't use the EVF and microphone adapter at the same time.

The camera is finished in a discreet matt-black finish, with no Leica red dot. New versions of Leica's 50mm f/1.4 and 35mm f/2 lenses will be available in the same finish to match. All the same accessories as the M (Type 240) can be used, including the optional handgrip that has built-in GPS and allows tethered studio shooting.

The M Monochrom (Type 246) will go on sale in mid-May, priced £5,750.



## Superzooms and compacts buck the trend

 PREMIUM compact cameras and superzoom models continue to boom amid a general decline in camera sales.

According to GfK figures, UK sales of premium compacts rose 24% in value from January to March 2015, compared to the same period last year. Unit sales grew 9.1%.

Demand for compact cameras with 20x zooms and above rose 7.5% and 11.1% in value and volume terms respectively. In March alone, unit sales of superzoom compacts increased 16.8%.

The growth came as overall demand for digital cameras fell 16.8% from January–March, compared to the same period in 2014.

SLR sales dropped 8.5%, while CSC sales dropped 7.6% and 5.2% in volume and value.

The total value of the UK photographic market fell 8.1% in March, compared to March 2014.



**Subscribe to Amateur Photographer**

**SAVE  
36%\***

Visit [amateurphotographer.subs.co.uk/15G](http://amateurphotographer.subs.co.uk/15G)

\* when you pay by UK Direct Debit

# DSLR-quality photos in next Apple iPhone?

APPLE has acquired a technology company that develops cameras it claims will lead to DSLR-quality images in smartphones.

According to a report in *The Wall Street Journal* (WSJ), and reported elsewhere, Apple paid around \$20m for LinX Computational Imaging Ltd.

Apple and LinX had yet to respond to requests for comments when contacted by *Amateur Photographer*.

In April, Apple appeared to neither confirm nor deny the reports, telling the WSJ that it 'buys smaller technology companies from time to time'.

Meanwhile, in a statement on its website, LinX says: 'Utilising



state-of-the-art multi-aperture imaging technology that combines innovative image processing, advanced sensor and optics technology, our cameras set new standards for

image-quality parameters such as low-light performance, HDR, refocusing, colour fidelity, shutter lag and more...

'LinX cameras are significantly smaller than any camera on the market today, leading the way to DSLR performance in slim handsets. The LinX cameras not only capture 2D images, but also acquire very accurate depth information of the complete scene.'

'We allow apps to freely use the 3D information captured by our camera to achieve amazing new features such as the ability to refocus an image after it has been captured, measurement of the true dimensions of objects and 3D object modelling...'

## Boxing image is a knock-out

AN AMATEUR photographer has beaten hundreds nationwide to win Skipton Building Society's Grassroots Giving photography competition.

Angela Baker, a deputy head teacher from Hull, won the title with an image taken at the Stevie Smith Boxing Academy, earning her a £200 gift voucher and national exposure.

Angela said: 'I really enjoyed the whole process and getting to know members of my local community.'

'I'm delighted that my photograph was chosen as the winner and that it will showcase the positive attributes that this and many other community groups have in Hull.'

The contest sought documentary-style photos as part of the Grassroots Giving photography project.



Angela Baker's winning Grassroots Photography image

For the latest news visit [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

## Get up & go

The most interesting things to see, to do and to shoot this week. By Jon Stapley

### NORTH YORKSHIRE



### Walkfest North York Moors

Head to the North York Moors National Park next weekend for a series of guided walking tours of the best sights, courtesy of the area's first walking festival. The full itinerary includes a walk specifically for nature and photography.

22-25 May, [www.northyorkmoors.org.uk](http://www.northyorkmoors.org.uk)

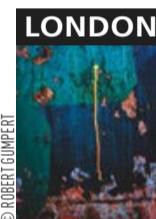


### EVERYWHERE

### Affinity Photo Competition

A cash prize of \$1,000 is on offer to photographers who submit an image that has been edited or adjusted in Affinity Photo for Mac. The software is free, so you've definitely got nothing to lose.

Until 31 May, [shoottheframe.com/affinity-photo](http://shoottheframe.com/affinity-photo)



### Bridge & Blackwalls

American photojournalist Robert Gumpert presents a limited run of images on a pair of interesting architectural themes – the rust and erosion of London's Westbourne Road bridge, and the 'darkness and decay' of San Francisco, USA.

May 18-23, [facebook.com/thebridgeandblackwallsexhibition](http://facebook.com/thebridgeandblackwallsexhibition)



### Abstracts

The five members of photographic collective AM Projects present an exhibition of contemporary abstractions that use a variety of photographic processes and techniques. Explore the possibilities of the medium.

12-25 May, [www.copperfieldgallery.com](http://www.copperfieldgallery.com)

### EVERYWHERE



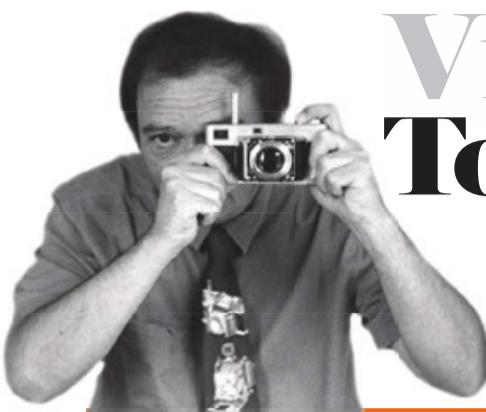
### Epson International Pano Awards 2015

With a prize pool worth \$50,000, you'd best get practising your panoramic stitching right away if you want to put something together in time for the Epson Pano Awards' deadline. By the way, the new Lightroom 6 has a new panoramic mode.

Until 26 July, [thepanoawards.com](http://thepanoawards.com)

# Viewpoint

## Tony Kemplen



Instant photo gratification was available way before smartphones, says **Tony Kemplen**, as he tries out a Polaroid Spectra using film from The Impossible Project

**T**he 20th century saw many film formats come and go. One or two, such as 127 rollfilm and 110 cartridges, enjoyed a comeback, but perhaps the most surprising revival is that of Polaroid instant film. I say surprising, because for more than a decade instant gratification in the photo department has been available to anyone with a smartphone or digital camera.

So when The Impossible Project, a group of Polaroid enthusiasts, took over the company's old production machinery, it was an act of faith that there would be enough interest to make it viable. Clearly there was, as five years on it now produces several varieties of instant film.

### Popular make

Polaroid cameras were extremely common in the 1970s and the run-of-the-mill models don't fetch much. In fact, *McKeown's Price Guide to Antique and Classic Cameras*, values them at '\$5 per truckload, delivered'. There were some more sophisticated versions, though, and the Polaroid Image System, known as the Spectra, is one of these. It has a sonar-type autofocus, and switches to allow control over exposure and flash settings.

Mine came with a set of five special-effect filters, such as starburst, a five-image prism and a motion-blur simulator. The camera was in excellent condition, but as the batteries are built into the film cartridge, rather than housed in the camera, there is no simple way of testing it, short of actually putting film in it.

The first thing you need to know about



Detail of Sheffield's 'Cheesegrater' car park shot with PZ 600 Silver Shade film

using this type of film is that, when it emerges from the front of the camera, it's still sensitive to light, so cover it immediately otherwise your pictures will be bleached out. Later films had an opacifying layer to keep the light out.

Instant film doesn't come cheap. I used The Impossible Project's PZ 600 Silver Shade, which is a monochrome emulsion, giving a sepia-toned image in a chocolate-brown border. The current price for this film is around £17 for eight prints, which at least makes you think very carefully about subject and composition.

With hindsight, it may have been overkill to use the five-way prism on this already visually busy subject, Sheffield's iconic 'Cheesegrater' car park (see above), but the glitch with the spreading of the chemicals does lend it something of the Hammer horror film. You can also see smears of the chemicals on the edge of the mount, so these newly produced films are not yet perfect.

In fact, mine gave up the ghost after only six photos, and two of these had the same glitch. I think I'll be sticking to conventional films for the time being.

Tony Kemplen's love of photography began as a teenager and ever since he has been collecting cameras with a view to testing as many as he can. You can follow his progress on his 52 Cameras blog at [52cameras.blogspot.co.uk](http://52cameras.blogspot.co.uk). You can also see more photos from the Polaroid Image System at [www.flickr.com/tony\\_kemplen/sets/72157631145891116](http://www.flickr.com/tony_kemplen/sets/72157631145891116)

**Do you have something you'd like to get off your chest?** Send us your thoughts in around 500 words to the address on page 19 and win a year's digital subscription to AP, worth £79.99

## New Books

The latest and best books from the world of photography. By Oliver Atwell



© CHARLES FRÉGER

### Portraits in Lace: Breton Women

by Charles Fréger, Thames & Hudson, £24.95, hardback, 264 pages, ISBN 978-0-50051-799-4

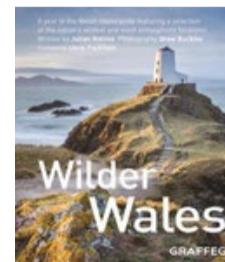


CHARLES Fréger's previous book, *Wilder Mann* was one of my favourites of 2012. Fréger travelled throughout Europe and documented people wearing the skins of the 'savage' (fox, stag, boar) during masquerades that stretch back

centuries. In *Portraits in Lace*, Fréger once again finds a set of individuals observing archaic customs in the modern world. He travelled to the isolated villages of Brittany in France and found women attempting to revive the centuries-old costume traditions of their ancestors. These 'Celtic circles' participate in summer festivals and work hard to create the centrepiece of their 1850s costumes – elaborately constructed headdresses. These young feminine Breton folk revivalists stand in stark contrast to the wild masculinity of Fréger's previous project and, as such, add a gentle and warm balance to his growing body of work. *Portraits in Lace* is a wonderful project. ★★★★

### Wilder Wales

by Julian Rollins and Drew Buckley, Graffeg, £20, paperback, 192 pages, ISBN 978-1-90982-307-5



THE UK may be small, but it is host to a number of the most stunning locations you will ever set eyes on. This may sound obvious, but it's worth bearing in mind the next time you're trying to scrape together some savings to fly off to Iceland. Wales is home to some absolutely captivating locations, and in this book writer Julian Rollins and photographer Drew Buckley take you on a grand tour of the country. Rollins' lovely text is an endlessly readable and almost narrative-driven travel guide, while Buckley, a photographer we've featured before in AP, excellently draws out the spirit and atmosphere of the locations. It's a book full of essential information and acts as a fitting inspiration if you're looking to get out there into the wild with your own camera. ★★★★

# D810

**I AM** A MODERN MASTERPIECE


D810 Body £2,349.00 or £34.47 P/M

Bring the imaging power of a massive 36.3 megapixels to a diverse range of scenes. With the D810, Nikon sets a new standard for quality in stills and video. Its all-new FX-format image sensor and EXPEED 4 image-processing engine work together to produce images with a clarity that surpasses even the D800/D800E

**GET £400  
TRADE IN BONUS**

# D750

**I AM** FULL FRAME FREEDOM


Packed with imaging power and speed, the D750 captures peak action at a 24.3 megapixel resolution. Your photographic instincts are supported by further performance proven features. Leaving you free to concentrate on timing and composition and let the camera do the rest.

**£150 CASHBACK  
WHEN BOUGHT WITH  
SELECT LENSES**

D750 Body £1,749.00 or £25.66 P/M  
24-85 mm VR lens Kit £2,199.00 or £32.27 P/M  
24-120mm lens Kit £2,299.00 or £33.74 P/M

# NEW D5500



Lightweight and powerful, this slimline D-SLR with familiar touchscreen operation frees you to do more with your photography.

Inspiring image quality • Vari-angle touchscreen • Built in Wi-Fi • Perfect grip

*Capture your best images yet*

D5500 Body £639.00 or £9.38 P/M  
D5500 18-55mm VR II Kit £719.00 or £10.55 P/M  
D5500 18-140mm VR Kit £899.00 or £13.19 P/M


*Intuitive to use  
& fully connected*


photo: Jasmine Dalmeny

## PORTRAIT

NIKKOR LENSES

AF-S 50mm f1.4G Lens

£279.00

85mm F1.8G AF-S Lens

£369.00 or £7.58 P/M

£50 CASHBACK



16-35mm f4G ED VR AF-S NIKKOR  
£829.00 or £12.16 P/M



## LANDSCAPE

NIKKOR LENSES

10-24mm f3.5-4.5 G AF-S DX Lens  
£639.00 or pay £9.38 P/M

£90 CASHBACK

Speedlight SB-910

Professional i-TTL (Intelligent TTL) Speedlight



Speedlight SB-700

Dedicated Digital Flashgun



## FLASH

SPEEDLIGHT

We carry the  
full Nikon range  
Check our  
website for the  
latest products



## MACRO

NIKKOR LENSES

60mm f/2.8G ED AF-S Micro  
£379.00 or pay £7.79 P/M105mm f/2.8G AF-S VR Micro  
£629.00 or pay £9.23 P/M

£90 CASHBACK



- Get to know your DSLR
- Photoshop CC For Photographers
- Introduction to Adobe Lightroom
- Get to Know your Compact System Camera
- Get to Know your Bridge Camera

## PHOTOGRAPHIC COURSES

Take control and get much more out of digital imaging!

**BOOK YOUR  
PLACE NOW!**

[www.cliftoncameras.co.uk](http://www.cliftoncameras.co.uk)
email: [sales@cliftoncameras.co.uk](mailto:sales@cliftoncameras.co.uk)

E&amp;OE Prices correct at time of print but are subject to change

28 Parsonage Street  
Dursley  
Gloucestershire  
GL11 4AA

tel: 01453 548 128

 OPENING HOURS  
MON- SAT 10AM - 5:30PM



### Andrew Mason

Andrew Mason is a full-time professional nature photographer. His work is widely published and has been used in books and magazines, and by corporate and government clients.

[www.andrewmasonphotography.co.uk](http://www.andrewmasonphotography.co.uk)



Less glamorous animals, such as these fighting blackbirds, shouldn't be overlooked, as there can be a striking shot to be had. It can also help improve your skills for the future

# 10 Commandments of **wildlife photography**

Three **top wildlife photographers** share their **expert tips and techniques** gleaned over many years of working in the field capturing a range of creatures

## 1 Don't get starstruck

It's human nature to get a little starstruck now and again, as I did when I realised that I was sitting next to actress Keira Knightley in a restaurant! It is understandable that most wildlife photographers will have certain animals, such as lions, tigers and bears, high on their wish list of subjects. However, there are not many photographers who are fortunate enough to be able to spend a great amount of time working with such animals. For most, the opportunity to photograph them will probably be a once-in-a-lifetime experience.

While these star animals make great subjects to photograph, less glamorous animals should not be overlooked. Wildlife photography is the product of many factors, principally content and light. A star animal in the viewfinder does not guarantee a great image – a bad image of a lion is still a bad image. Many animals that are frequently

overlooked are easy to access for little or no cost. For example, blackbirds are photographically an unremarkable little bird and are frequently ignored in preference to other, more colourful birds, such as kingfishers. A few winters ago, during a period of prolonged cold weather, food became scarce for many of the animals in the area where I live. This resulted in a larger than usual number of animals, including blackbirds, congregating at a feeding station near my home.

With the access road to the feeding station closed, the number of visitors putting food out was limited and as soon as any feed was put out for the birds, the blackbirds would descend on it. Desperate for food, fights would frequently break out between the blackbirds (see image above). This action, coupled with the wintry conditions, elevated these unremarkable birds to A-list status.

**When shooting in harsh conditions, make sure you protect your gear. After each day's photography, check and clean it, removing dust and dirt**



## 2 Look after your gear

Shooting in harsh environments places great demands on equipment. Having your camera kit fail for whatever reason can result in lost images from encounters that may never be repeated. Even if the problem occurs in the UK it will take days, if not weeks, for repairs to be completed. Simple precautions and maintenance can go a long way to prevent avoidable problems and allow you to keep shooting. A second backup body and doubling up on key focal lengths (teleconverters and a cropped-sensor/high-resolution DSLR on shorter telephoto lenses can replicate longer focal lengths) can be used if the primary camera and lens fail.

Carrying a DSLR with a super-telephoto lens attached to a heavy tripod on your shoulder for anything other than short distances, and especially off the

beaten track, is not only uncomfortable, but also risks damaging your gear and injuring you. A small maintenance and repair kit with a multi-tool, Allen keys, gaffer tape and superglue will fix most minor issues.

Protect equipment when photographing in harsh environments, such as prolonged exposure to rain, snow, salt water and dust. Avoid changing lenses or teleconverters in these conditions. Doing so can result in expensive professional cleaning, at the very least. Water that penetrates and then freezes can jam camera and lens controls – and tripod legs. Rain and dust covers are a simple and relatively cheap way to protect equipment in these conditions, and some manufacturers make insulated versions for extreme cold weather. Plastic bags and old pillowcases are cheaper alternatives.

Be careful when taking equipment between areas of contrasting temperatures and humidity – acclimatise equipment inside a sealed camera or plastic bag to prevent condensation from developing inside camera gear.

## 3 Watch the background

The background in a wildlife image is just as important as the subject you focus on. The colour and brightness of the background and how much of it is in focus relative to the subject will affect the image. These factors can be used to create harmony or tension within an image, and can also be used to isolate or include an animal in its environment. The focal length of the lens used, aperture selected and the relative distances between the photographer, subject and background all affect how the background is rendered in a photograph.

Distracting elements can ruin an otherwise good image, as the eye will be drawn away from the subject. To avoid this, scan the viewfinder for any distracting elements when composing a shot, especially the edges. Pay particular attention to any spots of conflicting colour and any vegetation that appears to grow out of the subject's head or any other part of its body!

When composing an image, where possible and safe to do so, do not simply choose the first spot



**When composing an image, such as this shot of a capercaillie, avoid distracting elements and think about your positioning**

you see and stand still. Try moving position relative to the subject and the background. Small changes in position can make critical improvements in the composition of an image and eliminate any distractions. When using a long

focal length, by lowering your position relative to the subject, the in-focus area immediately behind the subject will be hidden and the background will instead be an area that is further away and out of focus. As well as changing position,

try different focal lengths and apertures. When evaluating changes, use the depth of field preview function when looking through the viewfinder or make a test image and review it using the camera's live-view function.



## Richard Peters

Richard Peters is a UK-based wildlife photographer whose passion stems from watching natural history documentaries in his youth. Now his photographs and articles are published regularly, and his images have won numerous awards. [www.richardpeters.co.uk](http://www.richardpeters.co.uk)

### 4 Work the light

Bright, warm light is what most people think of when you say 'good light'. But the truth is, there is no such thing as bad light – bad light to obtain a specific style of photo, yes, but bad light in general, no. By learning what can be achieved with varying lighting conditions, you will improve your chances of coming away from a shoot without a completely empty memory card.

When the light is bright and warm, such as sunrise or sunset,

try placing yourself between the sun and the subject for a nice evenly lit scene, or place the subject between you and the sun for some creative backlighting.

However, much more fun can be had when the light is not as bright. Overcast conditions are good for picking out feather and fur detail that would otherwise be lost in more contrasty conditions. This applies to both light and dark-coloured subjects, but be sure to keep an eye on your exposure, as the camera will want to brighten

the scene to compensate for the lower light levels. Some underexposure may have to be dialled in manually to achieve the desired results. Very low light can also lend itself well to the use of flash, where you can intentionally underexpose the image, then use a flash gun to light up the subject. This gives a very dramatic feel to the final picture. If you don't have a flashgun, try stopping down your aperture, lowering your ISO and reducing your shutter speed to capture motion in your image.



**By sitting on a hillside, I was able to shoot across at eye level to this red kite, using the distant countryside fields and trees to provide a complementary background colour, rather than a typical blue sky**

### 5 Add perspective

One of the best ways to draw a viewer into a photograph is to get your camera at eye-level with the subject. Of course, this may mean getting dirty, as a lot of animals are very small and most often found at ground level, but your images will take on an entirely new look if you do.

You can expand on this viewpoint by using close foreground and distant background elements to surround the subject in a completely out-of-focus palette of colour, or have the ground beneath the subject sharp and in focus, just leaving the background diffused.

But eye level is not all about getting down low to the ground – it's simply a case of getting the right angle on a subject. Often with birds in flight, for example, the easiest image is obtained by looking straight up into the sky at them, but this can produce very unflattering images that lack impact. At best, you'll see the underside of the bird set against a plain blue sky, and at worst, an underexposed silhouette against a plain white, cloudy sky.

Avoid the temptation to photograph birds until they are lower in the air, and all the better if you can get yourself up to a higher vantage point.

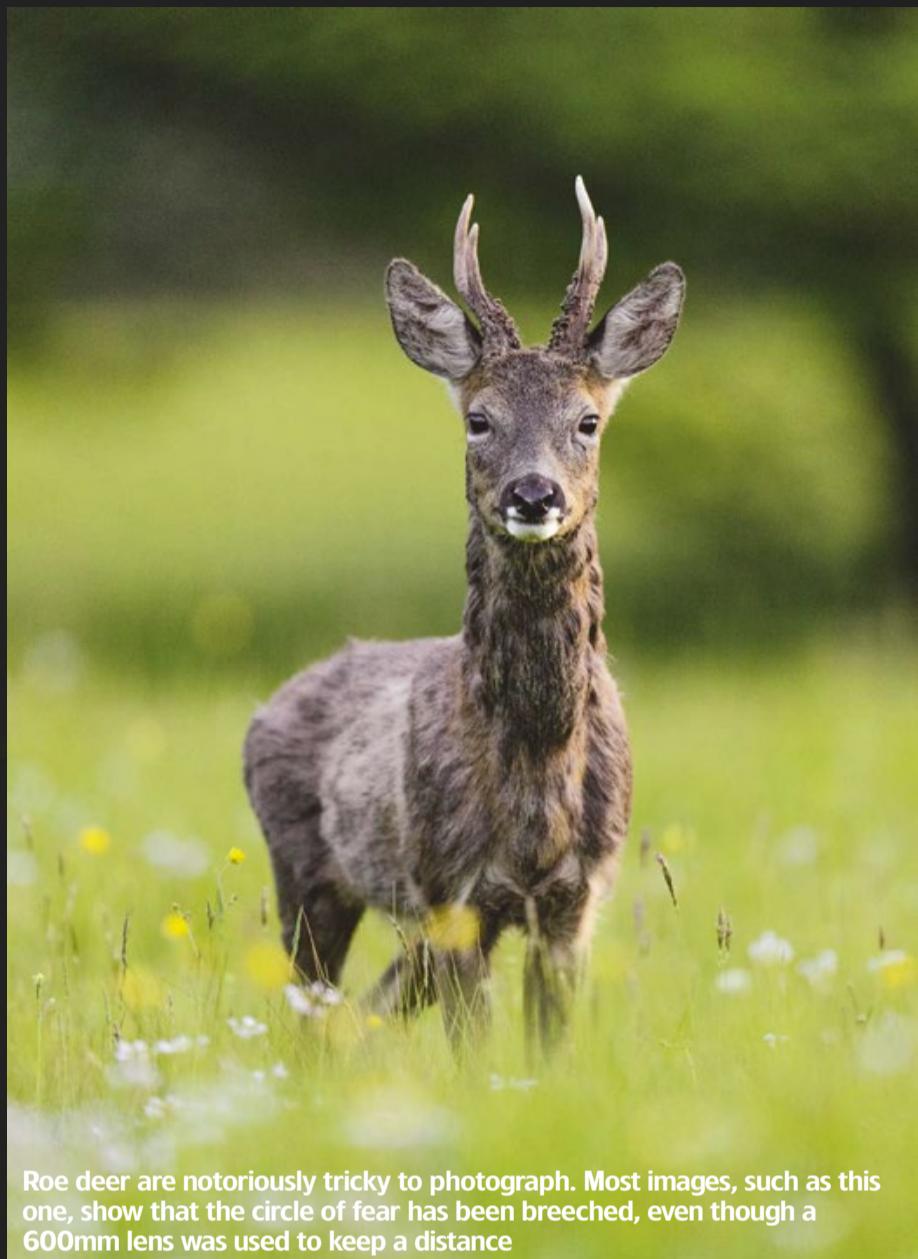


**Keeping the perch in focus helps to give context to this shot of a jackdaw, while the out-of-focus background keeps the portrait free of clutter**





**A very bright day is perfect for photographing light-coloured subjects. Exposing for the feathers of this cygnet has naturally underexposed the water, providing a dark backdrop**



**Roe deer are notoriously tricky to photograph. Most images, such as this one, show that the circle of fear has been breached, even though a 600mm lens was used to keep a distance**

## 6 Be ethical

Wildlife should always be respected. It goes without saying that if obtaining an image results in distress to the subject, the image should not be taken. All animals have a 'circle of fear', and once you are within that, at the very least you will start to affect their natural behaviour and, at worst, disturb them to the point of making them move away. There are also a variety of animals in the UK protected by the Wildlife and Countryside Act 1981, which should be strictly adhered to, especially any subject falling under Schedule 1. If in any doubt, consult the Act to make sure capturing that prized image isn't putting you on the wrong side of the law.

The biggest subject that divides opinion is that of baiting. To an extent, each photographer will have his or her own opinion.

**A small amount of bird food was used to get this pigeon into the pocket of light to capture this image. Without the food, it may not have moved into the right position**

Should one animal be sacrificed to another in order to obtain an image? Most would say no, but then others will say it depends on the circumstances, the subject being photographed and the bait being used, and indeed many images out there will confirm those divisions in opinion. Even baiting with food such as seeds and nuts is seen as unacceptable by some, as you are making an animal move to a place of your choosing that it otherwise may not have gone to, in order to photograph it. Again, opinion is divided, but it is important to ensure that any food put out is not bad for the animal and that you do not overfeed, making the animal reliant on your food source.





## David Tipling

David Tipling is one of the most widely published wildlife photographers in the world. His pictures have appeared on hundreds of book and magazine covers, and have been used in various ways – from wine labels to projections in New York's Times Square. [www.davidtipling.com](http://www.davidtipling.com)



Researching your subject will help you get one step closer to capturing your dream image

### 7 Observe the three Ps

I believe the key to success for a wildlife photographer is the three Ps: perseverance, patience and planning. Unless you get lucky, perseverance will always win out. The more you persevere, the luckier you'll get. I tend to work on one subject at a time and maximise my time in the field. Most recently, I have been focusing on brown hares and each trip I make into hare habitat has the promise of producing new images.

To persevere means you will also have to be patient. You may need to wait long periods between bouts of action, but you must always be ready to react. If you take your eye off the ball you could miss the fleeting opportunity you were waiting for. For example, I have sat patiently, hour after hour, waiting for a dive from a fishing osprey in specifically placed hides. At times the action might be fast and furious, but then hours might go by without a visit. It is imperative to be always peering skywards through the hide, otherwise you might miss a dive that's all over in seconds.

Perseverance and patience can be rewarded by planning. Researching your subject, working out the direction of light, the best time of day and locations will all save time and get you one step closer to capturing those dream images. By planning where to locate yourself for the best light and potential for action, you will help avoid leaving anything to chance.

Follow the three Ps of perseverance, patience and planning to avoid leaving anything to chance

Many species exhibit signals that, once learned, are invaluable in capturing eye-catching shots. This shot of an osprey with a trout was taken in Scotland



## 8 Learn your subject's behaviour

Knowing what your subject may do at a given time will allow you to react and be in the right place at the right time. This is partly planning but there is no substitute for being out in the field, watching and learning. I cut my teeth as a birdwatcher in the Medway Valley in Kent, and as a teenager I spent hours observing in the field. This has given me a feel for my

subjects – an asset I believe has been invaluable in my career. Read as much as you can, and if you have come to wildlife photography through photography then embrace being out in the field.

Animals give vital signs as to what they might do next. It's clearly an asset if you know you are getting too close and in imminent danger of having your subject turn tail and run or fly. Equally, you will be prepared if a

subject is about to do something worthy of a good shot. Ducks and swans provide vital clues when they are about to take off – they bob and shake their heads and face into the wind. Similarly, a bird of prey will normally ruffle its feathers before taking to the air.

Birds and mammals have what is commonly referred to as a 'circle of fear'. If you cross a certain distance around them, they will look to flee or simply run or fly

away. This can be the difference between a good portrait and a shot of a disappearing rear end. For example, a grazing deer may stop and look your way as you approach, and if it resumes feeding after a pause you might be able to move closer. However, if the deer moves position and keeps staring, chances are it is on the verge of fleeing. Being able to read these subtle nuances in behaviour comes with experience.

## 9 Never be afraid to experiment

'The judges won't like that'. I have heard this said on numerous occasions referring to camera club competitions, when I've suggested to a client on a workshop to shoot a subject in an abstract way. It seems that many photographers are afraid to experiment, but it's often these images that remain in viewers' minds, so never be afraid to try something different. It is tempting to go for the safe, well-lit, sharp portrait or super-sharp action image, but sometimes shooting motion-blur images or

taking part of a subject may result in a more artistic picture.

A few years ago I sat in a hide photographing black grouse lekking (engaging in a mating display). As I peered out at all the males strutting their stuff, I was aware I was creating images that were similar to many I had made before. So I set out to shoot an abstract that would still tell the story of conflict but would be a more artistic interpretation. The result was an image that was Specially Commended in the Wildlife Photographer of the Year competition (left).





## 10 Be ready for the unexpected

I am always ready for action whenever I am out in the field. My camera is switched on and the correct exposure dialled in so I am able to grab the camera and shoot within a second or two. You never know when an interesting bird or other subject might suddenly

appear. Wildlife subjects can sometimes do the most unexpected things, so it's vital to be alert and ready. I have seen many other photographers, as well as myself, miss plenty of shots through doing too much reviewing of images on the back of the camera (chimping) when we should be alert for action.

I like nothing more than being out with my big lens mounted on its tripod over my shoulder ready for anything. I never know what I might end up photographing on any given day, but being ready may mean bagging the potential best shot of the day, as opposed to fumbling around and enduring an agonising missed opportunity.



# spring shoot

**19th May 2015**

The annual photography show from Castle Cameras

**FREE entry | FREE parking**

Hamworthy Club, Magna Road, Wimborne, BH21 3AP



**CANON 7D MKII £1429**

Chasing the ultimate photographic moment. Built for those with a love of speed. Grab the moments that other photographers miss. Whether it's stills or movies, express your creative side like never before.

10 fps, full HD movie, 65 point wide AF, ISO 100-16,000, Dual pixel CMOS AF, Available now Body only



**LIVE** Studio workshop

**LIVE** Birds of Prey demo

**LIVE** Wild Arena

**LIVE** Lighting demo

and seminars with  
Damien Lovegrove



**Canon EF 100-400mm f4.5-5.6L IS II**

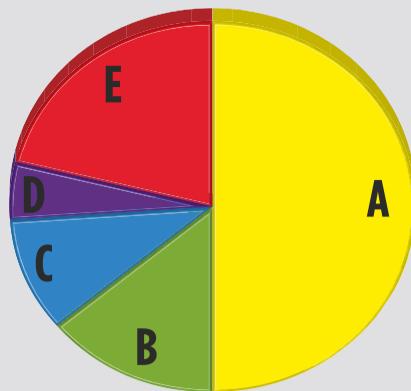
Re-designed optics, New twist zoom control, New ASC anti-reflection coating, 4 stop Image Stabiliser, Powerful telephoto performance, wherever you are.

**£1999**



[www.castlecameras.co.uk](http://www.castlecameras.co.uk)

prices correct as of 22/04/15, prices may change, see website for current details



### In AP 25 April, we asked...

Would you ever consider buying a converter lens?

#### You answered...

A Yes, if the quality was good enough	50%
B Yes, even if the quality was sacrificed, they are an affordable option	21%
C No, I wouldn't accept a drop in quality	10%
D No, they compromise on the handling of a lens	14%
E No, I simply don't need one	5%

#### What you said

'Yes, in fact I got some just the other day that hook onto a phone's camera lens. The macro adapters get you quite close, but might be a bit mediocre for some' 'Probably never again. I once bought a wideangle converter for a video camera and was very disappointed with the poor-quality results'

'I have a couple. One is a Jessops version that can either be a wide converter or a close-up lens and in either guise it's rather poor. The other is a semi-fisheye video converter, which does quite a reasonable job provided I use it purely as a circular fisheye'

'I've used both front and rear types. Sometimes they're the only fix in an awkward situation. There are some awful specimens of both types out there, although there are also some very good ones. You won't know which is which until you take pictures with them'

'Yes, if they let me do something I couldn't easily do otherwise, at reasonable quality'

#### This week we ask

If you have a DSLR, do you also have a compact system camera?

**Vote online** [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

#### Guess the camera



Every other week we post a photograph of a camera on our Facebook page and all you have to do is guess the make and model. To guess the make and model of this camera (above), head over to [www.facebook.com/Amateur.photographer.magazine](http://www.facebook.com/Amateur.photographer.magazine). Forum members can also enter via the Forum.

The 25 April issue's cover is from 25 May 2013. The winner is Adrian Mills from East Sussex, who guessed correctly and was drawn at random.

# Inbox

Email [amateurphotographer@timeinc.com](mailto:amateurphotographer@timeinc.com) and include your full postal address

Write to Inbox, Amateur Photographer, Time Inc. (UK), Blue Fin Building, 110 Southwark Street, London SE1 0SU

#### LETTER OF THE WEEK

## Storage problem for prints

As a long-time reader of *Amateur Photographer*, I am well aware of the last two editors extolling the virtues of making prints from our digital images for future generations. This I strongly agree with.

I still have most of my negatives since I seriously took photographs back in 1962, and have thousands of black & white and colour prints in boxes. Apart from deleting out-of-focus images, I still have all my digital images, from which I have several thousand prints ranging in size up to 20 x 30in. As I only have a modest house, I have an imminent storage problem.

Most of my personal work has been documenting British humanity, which includes street photography together with environmental portraits of strangers. Obviously I have amassed valuable historical photographs, but what do I do with them? Apart from the V&A Museum of Childhood buying some of my photographs, and accepting a donation of almost 200, all I can see happening to my work is that it will end up in a skip. What organisation is

going to want photographs of Middle Britain taken over six decades? I am not like David Bailey and Don McCullin, who, by a twist of fate, became famous and their work can command thousands of pounds.

It's all very well preaching that we should make prints, but once they have been printed and looked at, they just end up in boxes to be forgotten and dumped. Once we have made the wonderful historical prints from our digital files, what does AP suggest we do with them for future generations? **John Heywood, via email**

**Many towns have museums that may be interested in photos of the local area, and some of these may even have digital archives. Similarly, the local council may have a historian, or at least an archive, that could be interested in some of your images. Sadly, many images will probably be lost, although as the recent find of Vivian Maier's images shows, there is always hope that they may form part of a significant collection – Richard Sibley, deputy editor**



## Win!

With ultra-fast performance, the new Samsung 16GB EVO SD card, Class 10, Grade 1, offers up to 48MB/sec transfer speed and has a ten-year warranty. [www.samsung.com](http://www.samsung.com)

**SAMSUNG**

#### Nikon lens error

I read that the Nikon 1 system had failed to capture the imagination of the enthusiast photographer. No kidding! I've been using top-end Nikon DSLRs for about eight years, always buying second-hand, one generation behind the latest, so I can afford them. However, I received some money unexpectedly, so I decided to buy a new V1 CSC.

About one week out of warranty, my 10-30mm lens started to report 'lens error'. With no warranty support, getting a professional repair on a £150 lens made no sense. So I opened it up and discovered that a flexible cable had snapped. It had been fouling the lens-collapse

mechanism. I wrote an impassioned letter to Nikon, hoping to get hold of a replacement cable. Customer services directed me to the UK spares team, who I don't think replied.

My V1 has been sitting, unused, on my desk for over a year now, and I regret spending so much on it. I don't think Nikon understands its customer base for this range – I want the quality I'm used to, and I want to deal with people who care as much about photography as I do. The Nikon 1 range is clearly positioned as an expensive toy. It won't take off until Nikon addresses the quality – and gets rid of some

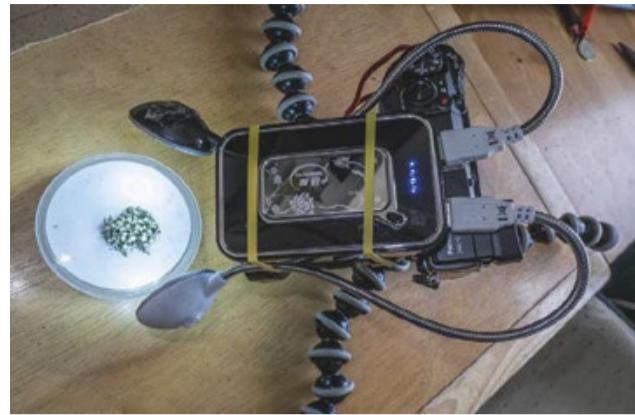


**The Nikon 1 V1 compact system camera was launched in 2011**

of gimmicks such as motion snapshot.

**Ant Smith, via email**

**This is an issue we are aware of and a service advisory relating to this lens has been issued. While I can't comment on the customer's**



Phil Taylor's DIY upgrade to his Panasonic Lumix DMC-GM1 and an image of lichen taken with the camera

general frustration with his V1, I can confirm that we can repair his lens (even though he has attempted a repair himself), free of charge, and he can use the free inbound service to us –**Jeremy Gilbert, Nikon**

## DIY light success

Intrigued by your feature on a DIY macro light (AP 18 April), I had a go and for just £12 got excellent results.

Encouraged by this, I decided to try a DIY upgrade to my Panasonic Lumix DMC-GM1. However, every time I used the GM1, I accidentally altered the settings as it is difficult to hold the camera without touching the buttons. I added a cover from scrap materials that can easily be flipped aside with a finger to access the buttons and it works a treat. The cover is also thick enough to hold my thumb off the touchscreen. No

more lost shots. Panasonic is welcome to copy my idea.

**Phil Taylor, Somerset**

I'm glad the macro light idea was useful. As for your solution, it is great that people spend time making their own kit work in the way that they want. If anyone else has customised or made their own photo equipment, please send us a photo – **Richard Sibley, deputy editor**

## The point of printing

I must take issue with Roy Sealey's *Viewpoint* (AP 2 May). I back up my photos to two hard drives and the computer, so the chances of all failing at once are minimal. They are also either on my website or Flickr. The cost of printing, say, the 500 football shots I took last week would be astronomical, and printing is no guarantee as I have shots

taken and printed in the 1970s that have faded over time. **Nigel Cliff, via email**

I think the point was to print photos of precious memories, family and friends – not 2,000 images of sunsets. A good print should last around 100 years, which should give the next generation time to reproduce any images they feel have value.

Also, while we all think that multiple backups is a perfectly fine solution, a fire or flood could mean that all backups are wiped out in one go. And what about a solar flare? There are those who think a big enough flare could cause enough electromagnetic radiation to wipe all hard drives. I would rather that my photos were all printed as well as being backed up – **Richard Sibley, deputy editor**

## Contact

Amateur Photographer, Time Inc. (UK), Blue Fin Building, 110 Southwark Street, London SE1 0SU  
Telephone 0203 148 4138 Fax 0203 148 8128  
Email amateurphotographer@timeinc.com  
Picture returns: Telephone 0203 148 4121  
Email apppicturedesk@timeinc.com

## Subscriptions

Email magazinesdirect@quadrantsubs.com  
Telephone 0330 3334555 or +44 (0)330 3330 233 (overseas)  
One year (51 issues) UK £150.55; Europe €259;  
USA \$338.99; Rest of World £221.99

## Test Reports

Contact OTC for copies of AP test reports. Tel: 01707 273 773

## Advertising

Email mark.rankine@timeinc.com  
Classified telephone 0203 148 2929. Fax: 0203 148 8158  
Display telephone 0203 148 2516. Fax: 0203 148 8158  
Inserts call Innovator on 0203 148 3710

## Editorial team

Group Editor	Nigel Atherton
Group Editor's PA	Christine Lay
Deputy Editor	Richard Sibley
Technical Editor	Andy Westlake
Deputy Technical Editor	Michael Topham
Technical Writer	Callum McInerney-Riley
Features & Technique Editor	Phil Hall
Senior Features Writer	Oliver Atwell
News Editor	Chris Cheesman
Production Editor	Lesley Upton
Chief Sub Editor	Oliver Cotton
Art Editor	Mark Jacobs
Deputy Art Editor	Sarah Foster
Designer	Antony Green
Studio Manager	Andrew Sydenham
Picture Researcher	Rosie Barratt
Online Manager	Karen Sheard
Online Production Editor	Paul Nuttall
Digital Art Editor	Simon Warren
Digital Production Editor	Jacky Porter
Staff Writer	Jon Stapley
Video Production	James Fenn
Photo-Science Consultant	Professor Robert Newman
Senior contributor	Roger Hicks

Special thanks to **The moderators of the AP website** Andrew Robertson, Lisadb, Nick Roberts, The Fat Controller

## Advertising

Advertising Director	Mark Rankine	0203 148 2516
Advertisement Manager	Leshna Patel	0203 148 2508
Account Manager	Simon Gerard	0203 148 2510
Production Coordinator	James Wise	0203 148 2694

## Marketing

Marketing Manager	Samantha Blakey	0203 148 4321
-------------------	-----------------	---------------

## Publishing team

Chief Executive Officer	Marcus Rich
Managing Director	Paul Williams
Publishing Director	Alex Robb
Group Magazines Editor	Garry Coward-Williams

Printed in the UK by Polestar Group

Distributed by Marketforce, Blue Fin Building, 110 Southwark Street, London SE1 0SU. Tel: 0203 148 3333

All contributions to Amateur Photographer must be original, not copies or duplicated to other publications. The editor reserves the right to shorten or modify any letter or material submitted. Time Inc. (UK) or its associated companies reserves the right to re-use any submission sent to the letters column of Amateur Photographer magazine, in any format or medium, WHETHER PRINTED, ELECTRONIC OR OTHERWISE Amateur Photographer® is a registered trademark of Time Inc. (UK) © Time Inc. (UK) 2015 Amateur Photographer (incorporating Photo Technique & Camera Weekly) Email: amateurphotographer@timeinc.com Website: www.amateurphotographer.co.uk Time Inc. switchboard tel: 0203 148 5000 Amateur Photographer is published weekly (51 issues per year) on the Tuesday preceding the cover date by Time Inc. (UK), Blue Fin Building, 110 Southwark Street, London SE1 0SU. Distributed by Marketforce (UK) Ltd, Blue Fin Building, 110 Southwark Street SE1 0SU. ISSN 0002-6840. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any format or medium, whether printed, electronic or otherwise, without the prior written permission of the publisher or the editor. This is considered a breach of copyright and action will be taken where this occurs. This magazine must not be lent, sold, hired or otherwise disposed of in a mutilated condition or in any authorised cover by way, or by trade, or annexed to any publication or advertising matter without first obtaining written permission from the publisher. Time Inc. (UK) Ltd does not accept responsibility for loss or damage to unsolicited photographs and manuscripts, and product samples. Time Inc. (UK) reserves the right to use any submissions sent to Amateur Photographer Magazine in any format or medium, including electronic. One-year subscription (51 issues) £150.55 (UK), €259.99 (Europe), \$338.99 (USA), £221.99 (rest of world). The 2015 US annual DEU subscription price is \$338.99, airfreight and mailing in the USA by named Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd floor, Jamaica, NY 11434, USA. Periodicals postage paid at Jamaica NY 11431. US Postmaster: Send address changes to Amateur Photographer, Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd floor, Jamaica, NY 11434, USA. Subscriptions records are maintained at Time Inc. (UK), Blue Fin Building, 110 Southwark Street, London, SE1 0SU. Air Business Ltd is acting as our mailing agent.

Time Inc.



# Entry-Level DSLRs

We pitch the Canon EOS 1200D, Nikon D3300 and Pentax K-S1 against each other to see which is the best for those starting out

## Creative lens distortions

Jake Hicks reveals how he uses his Lensbaby, and some clever tricks, to take striking images

## Lensbaby Velvet 56

Designed to be flawed, we review the new 56mm f/1.6 lens from Lensbaby

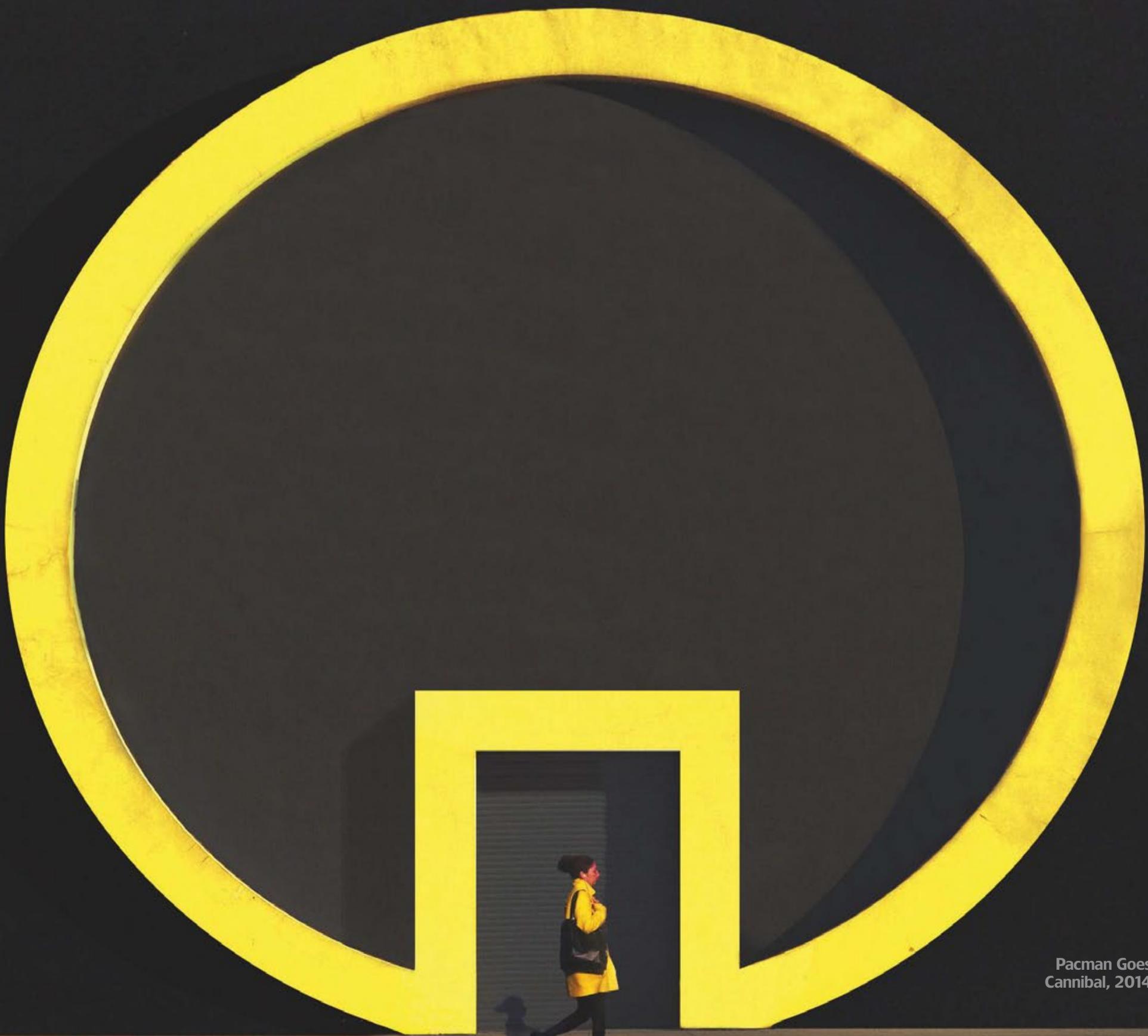
## Sony World Photography Awards

We take a look at the winners of the Open and Mobile categories

# Master of minimalism

Armed with a humble smartphone, the new master of minimalism is proving why you don't need expensive kit to capture world-class images.

**Yener Torun** talks to **Natalie Denton**



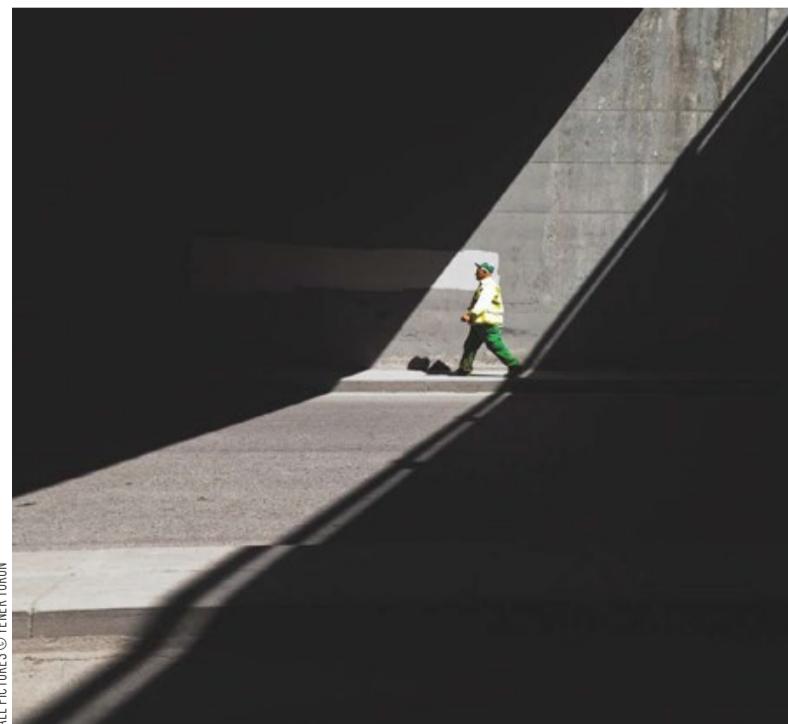
When you think of Turkey, a noble and ancient land set against celestial mountain ranges and a trio of exotic seas, the country's tropical beach resorts and distinguished Ottoman and Byzantine architecture come first to mind. But Turkey is currently undergoing a cultural revolution. Bold and brash architectural designs, cutting-edge contemporary structures and controversially coloured buildings are popping up in pockets all over its urban jungles, jump-starting the world's conception of what the country has to offer.

Until now, this revolution has been a slowly unfolding secret in this historic gateway linking Europe and Asia, but one man is using his passion, determination and smartphone to lift the lid on his country's monumental makeover.

Yener Torun, far from being a professional photographer, is a qualified, experienced and fully fledged architect. However, his minimalist masterpieces taken on his everyday Apple iPhone 5, and later an iPhone 5C, have propelled him with astonishing force into the photography world, winning praise, not to mention legions of fans, across the world. His regularly updated Instagram account offers a virtual window onto Turkey's most fascinating and colour-clad properties.

'I had no serious experience in photography before registering on Instagram,' reveals Yener, who has since accumulated an incredible 50,000 followers.

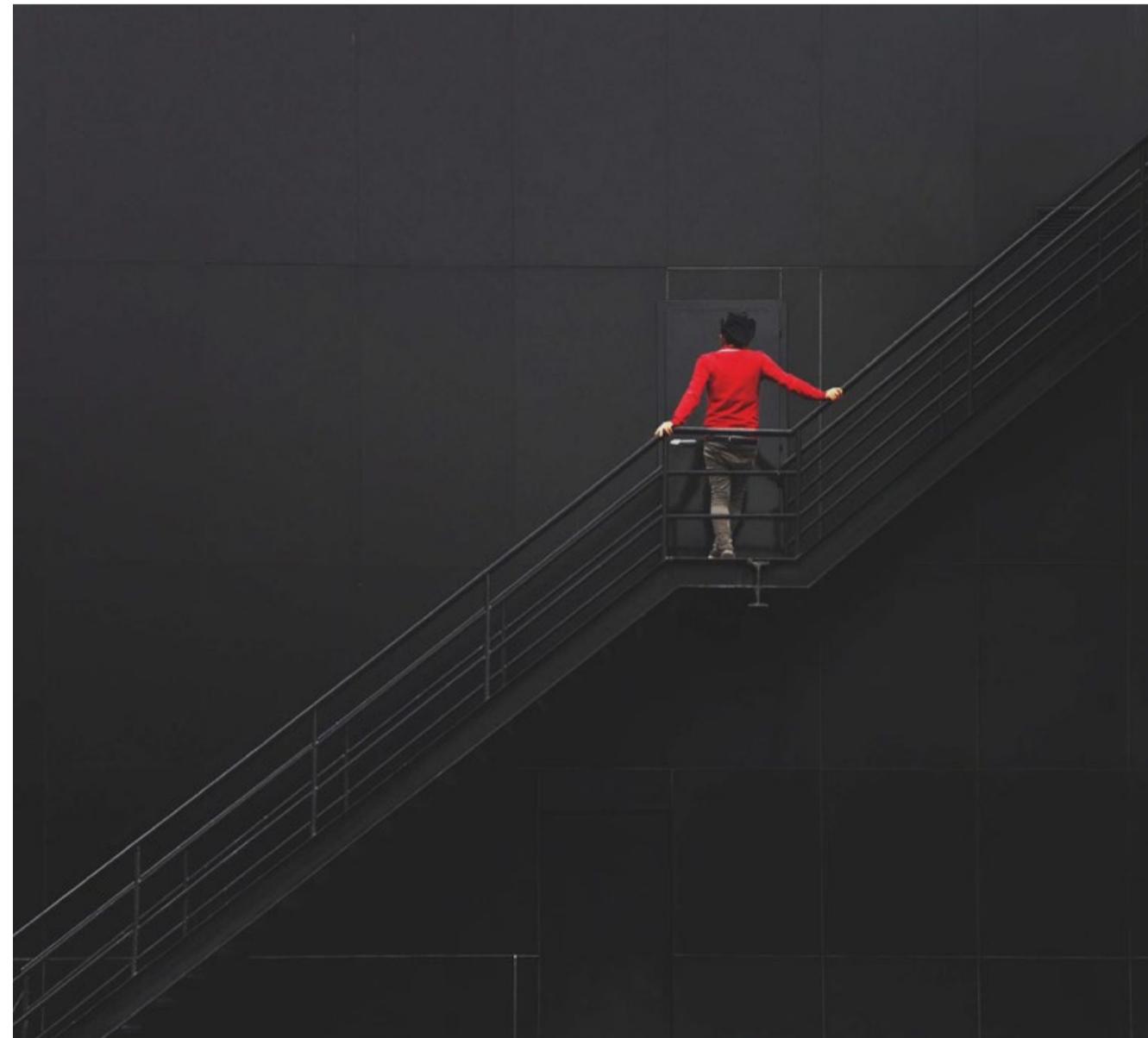
'I used to take photos on my vacations, but I never adopted any sort of style. They were just regular



ALL PICTURES © YENER TORUN

**The Black Mirror, 2015**

**There's Still Green, 2014**



**'Yener's minimalist masterpieces taken on his everyday iPhone have propelled him with astonishing force into the photography world'**

holiday photographs that you see every day on Facebook. Recently I realised that Istanbul was still being portrayed one-dimensionally in photography. I love the usual images associated with Turkey, but in my own photography I wanted to do something different.

'Istanbul is famous for its history and exoticism, but it is also a modern and developing city and I believed that a different approach would provide a better understanding of it. I wanted to show less well known parts of it, so I started digging around in every corner to unearth its gems.'

#### Treasure hunt

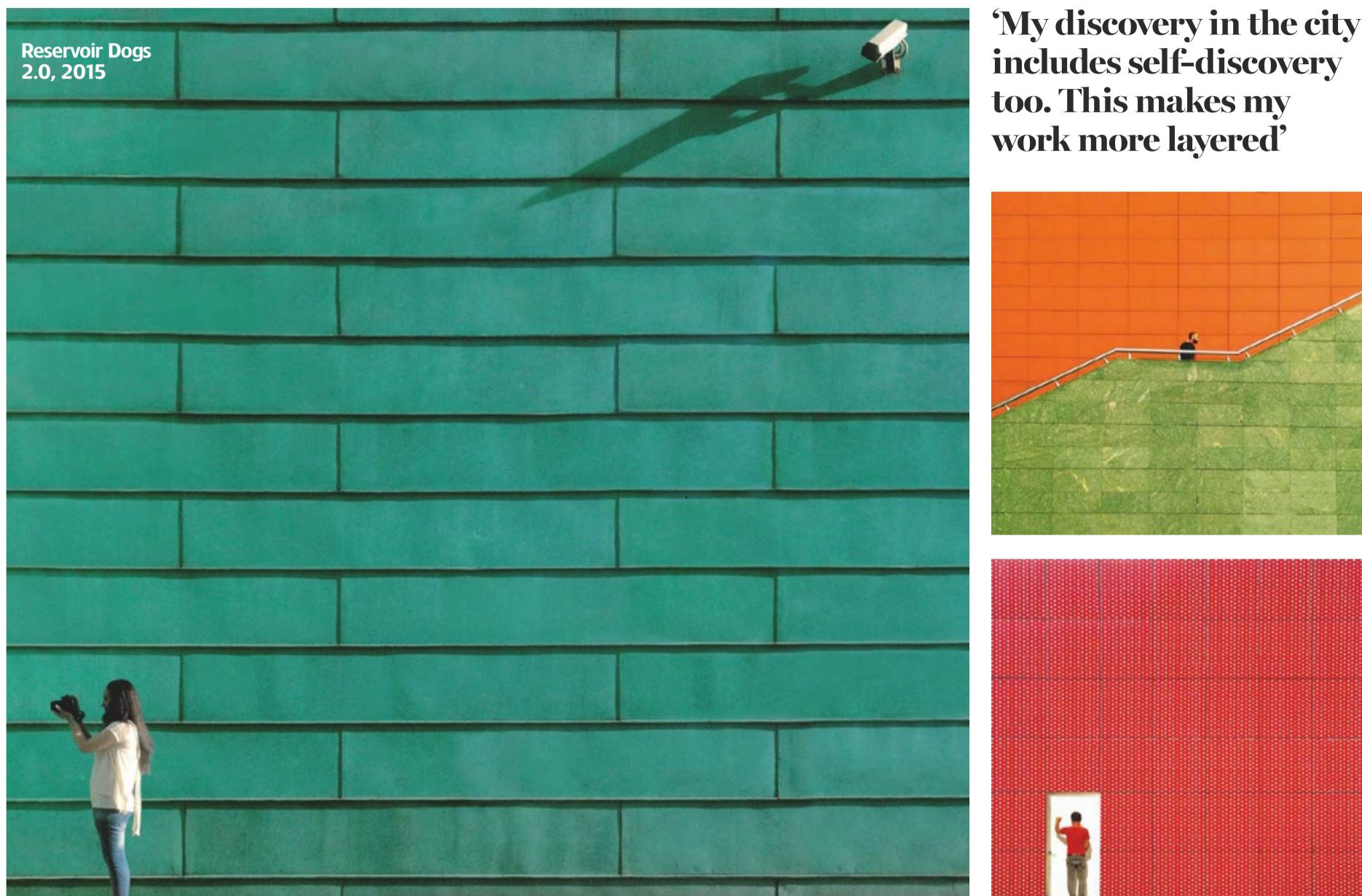
Like a slightly obsessed Art Nouveau architectural Indiana Jones, Yener became passionately driven in uncovering these rainbow-coloured edifices to share with the world, but the 32-year-old architect's biggest challenge was finding them in the first place. 'I love it – it's like a

treasure hunt and that makes my work more interesting to me.'

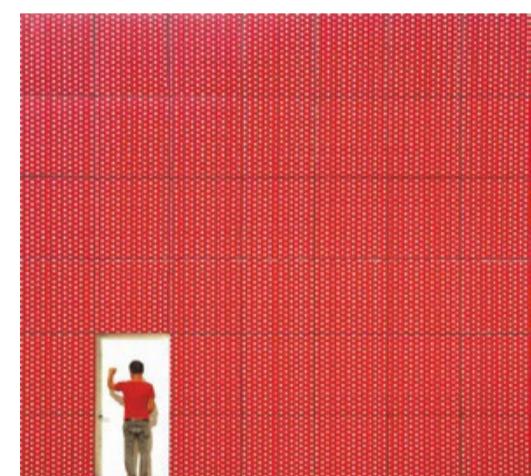
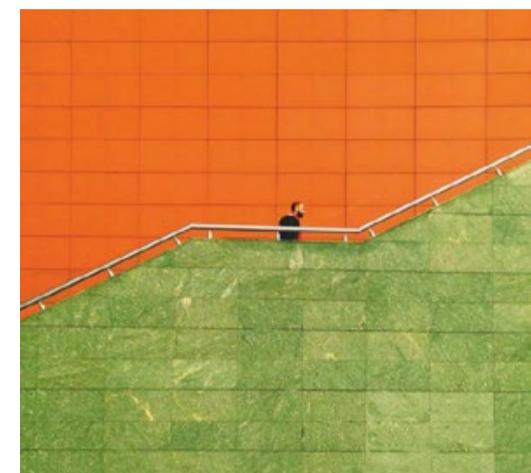
'Istanbul is a vast city but it's full of grey and dull buildings, so I spend most of my time wandering around neighbourhoods I've never been to before. Then, after hours of walking and searching, finding what I want is a real victory.'

Yener has been photographing the city for two years and claims that his usual stalking grounds tend to be far from the central and historical areas of the city. 'I visit industrial areas or developing neighbourhoods to find the modern lines, geometric patterns and vibrant colours I need,' he says. 'I usually visit these places more than once and sometimes at various times of the same day to observe the different light and shadow effects, in order to see how I can use the background differently.'

Yener, who was born in Turkey and still based there, might not have the 'typical' camera set-up



**'My discovery in the city includes self-discovery too. This makes my work more layered'**



► of a professional, but his images consistently reveal his photographic eye and a strong sense of style that some people take a lifetime to develop.

'I photograph an alternate universe with its own laws and that helps to abstract my photos from the reality, which is what makes my photographs more personal than they look.'

'My discovery in the city includes self-discovery too. This makes my work more layered than it looks at first glance, while keeping the intention to show the unknown, modern and colourful side of Istanbul. In essence, it opens a window into my inner world, and it provides a connection between me and my viewers using the colourful treats of the city as interfaces.'

#### Colour and pattern

The majority of Yener's work resoundingly presents the three overriding conventions of minimalist photography, successfully rendering the main subject small by utilising expansive backdrops, while incorporating dominant areas of highly saturated colour and pattern. Minimalism is



derived from the reductive aspects of Modernism, first emerging in the arts after the Second World War and rising in popularity in the 1960s and early 1970s, particularly in America.

In the case of photography, the genre marries well with modern architecture thanks to the influence of bold colours and repeating patterns, and as Yener has cunningly discovered it can be pursued with minimal equipment.

'I always try to use geometry and colours in the most effective way,' he says. 'I believe colour has a positive effect on people and therefore my photos hopefully have a positive



**Top right: Vitamin C, 2015**

**Middle right: The Applicant, 2014**

**Above right: Your Protector Is Coming Home, 2015**

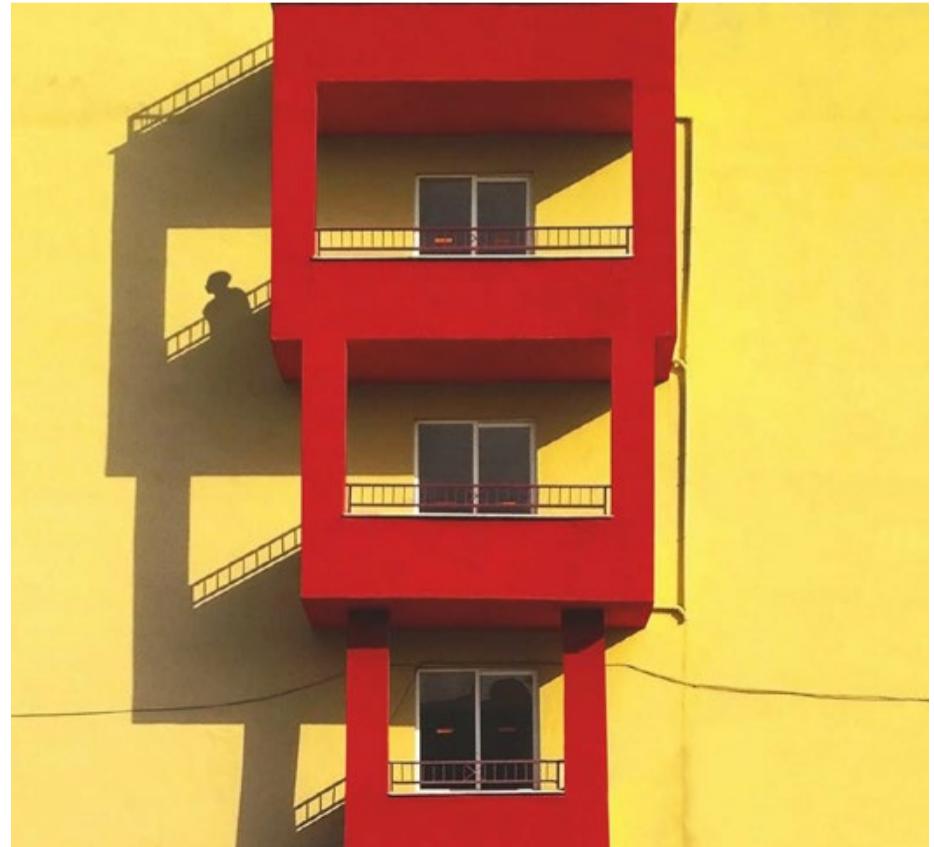
**Above left: Fearless, 2014**

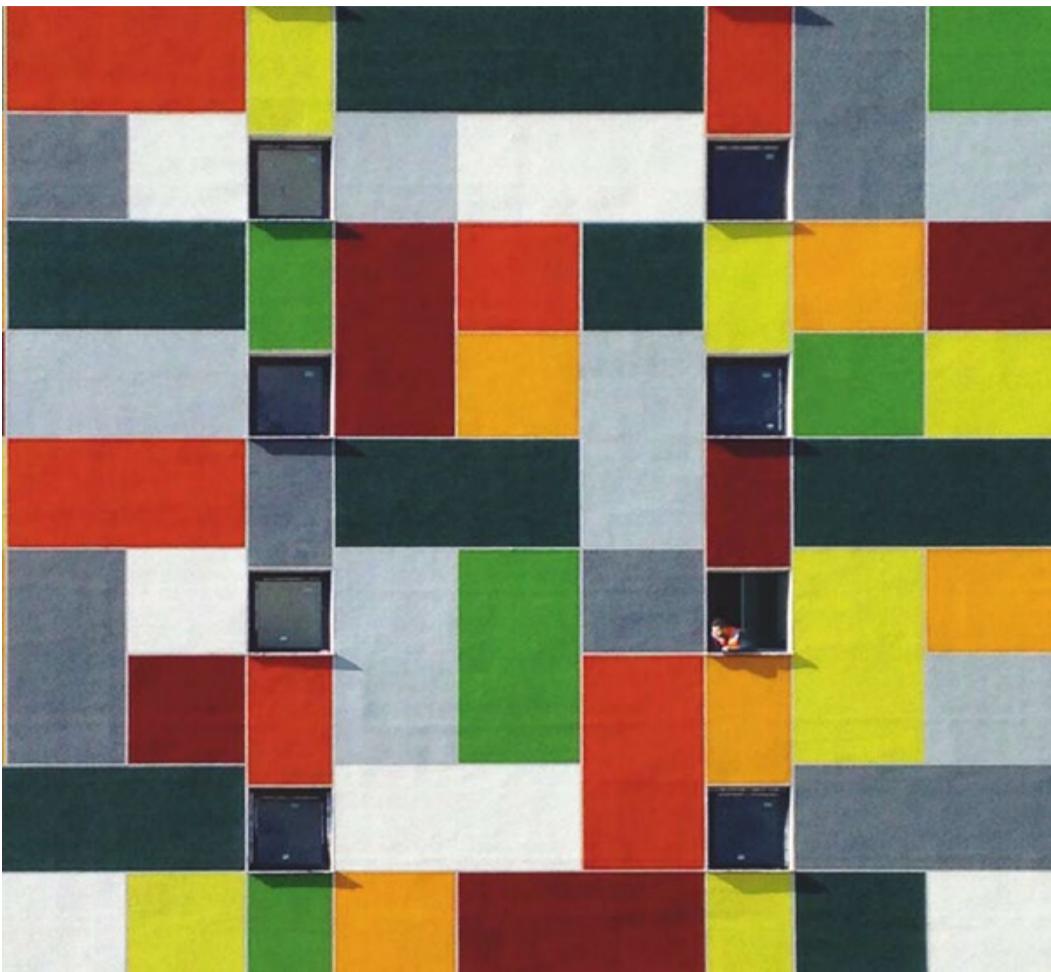
effect on the viewer. Colour inspires me to compose fun photographs, so I pay attention to colour coordination between the human element and the background. The way the colours interact with the background is usually different than anyone would expect, and it's this colour coordination that makes the image more effective and appealing.

**This image:**  
**Alternate Route,**  
**2015**

**Bottom left:**  
**This House Is A**  
**Circus part 3, 2014**

**Bottom right:**  
**You Can't Hide,**  
**Boy, 2015**





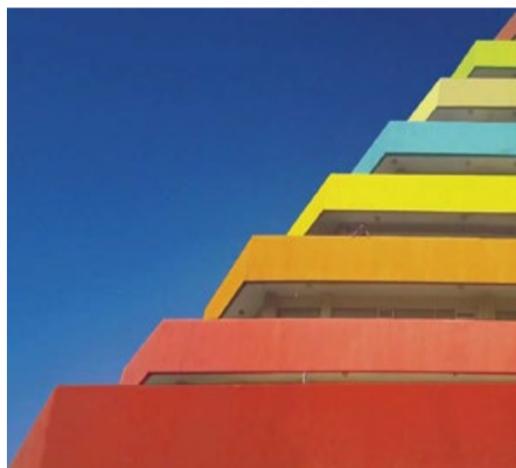
**'I use architectural elements in most of my photographs. I find everything I need in architecture: colours, patterns and geometry'**

My images have their own physics and rules, which I define using geometry and colours, and the people in my pictures act according to these rules. I like to focus on only the things I want to, which makes the image more powerful, if composed well. It is a direct and strong approach, as in my opinion minimalist photos should be peaceful for the viewer to look at.'

Post-shoot, Yener tinkers with his haul using Photoshop. He learned to use the software while studying to become an architect. 'I sometimes adjust the light and boost the colour settings to make my photos more vibrant, and I also edit perspective to make the subjects straighter,' he adds.'

So what is it that Yener has that others don't? The 14-year Istanbul resident believes it's his love of architecture and experience in this industry that has stemmed a level of insight other photographers can't compete with.

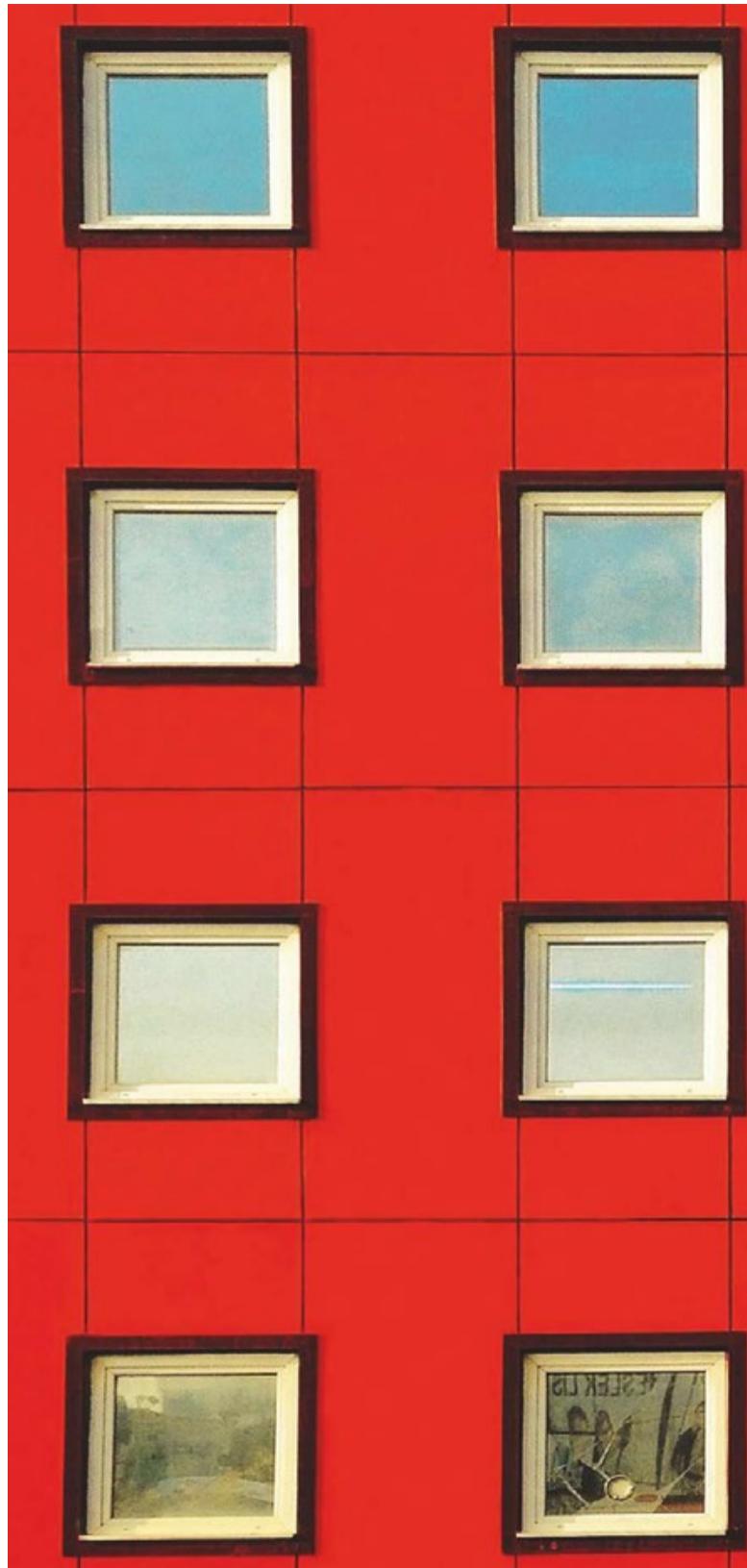
'I use architectural elements in most of my photographs,' he says. 'I find everything I need in architecture: colours, patterns and geometry. The education I have had and my work experience as an architect have helped me to see many details easier than anyone else, for sure. Also, as I have worked

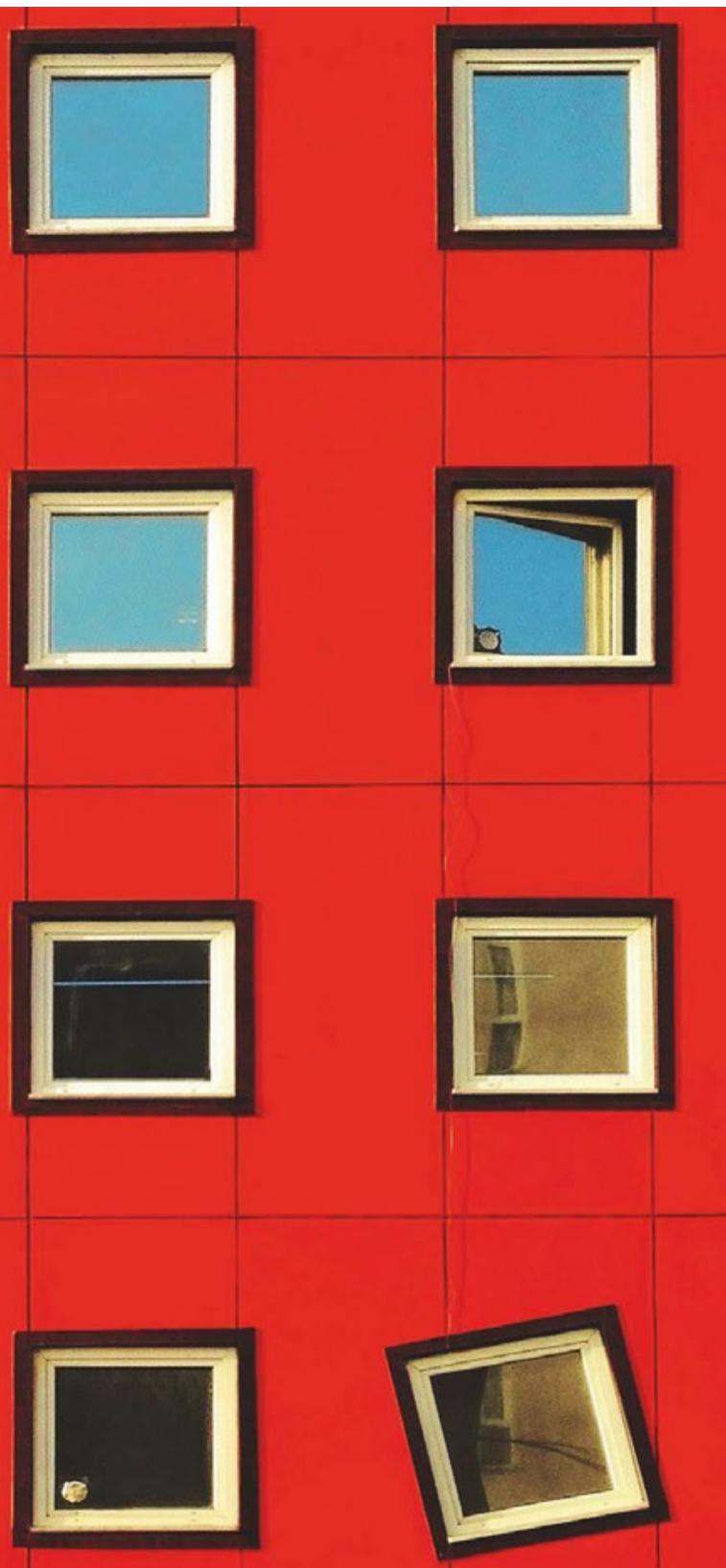


in Istanbul for years, I know about most of the new projects and that makes it easier for me to find the buildings I'd like to photograph.'

While his humble camera phone has got him this far, Yener says he's reached a point where he's realised his potential and is relishing the possibility of becoming a professional photographer. Not only has he stepped up his kit, recently investing in a Samsung NX30 and appropriately wide 18-55mm lens, but he has also quit his day job.

'Lately, I've started believing that I can work as a full-time photographer,' he says. 'I used to shoot only on weekends, but lately I shoot almost every day. I quit my day job a few months ago and now I mainly focus on my photography. If





Top left: Colour Drunk, 2015

Middle left: Living in a Rainbow, 2015

Above: Divergent, 2014

Left: Hi, My Name Is Yener And I'm A Symmetry Addict, 2015

Above right: Standardization, 2014

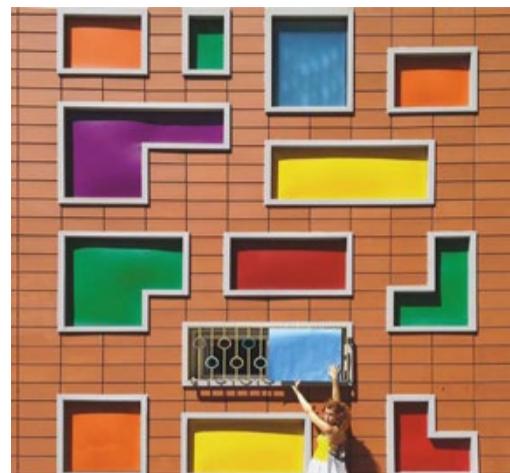
To see more of Yener Torun's images, visit [instagram.com/cimkedi](https://instagram.com/cimkedi)

the weather is good, I go out early in the morning and I shoot until dusk.'

It's this frequency of shooting, editing and sharing new images every two days that has helped cultivate Yener's fan base, taking his work viral and sky-rocketing his profile into the big leagues. 'They love seeing a different side of Istanbul,' he explains. It's a side even some long-term residents aren't aware of. It's refreshing for everyone, and presenting this less well known side with a decent style makes my photographs more appealing.'

#### Further afield

As well as shooting in Istanbul, Yener's passion has taken him to other cities in his native Turkey, including his birthplace of Tokat



and hometown Marmaris, as well as venturing further afield to European architectural hot spots such as Vienna and Prague. 'Instead of targeting certain buildings, I'd like to visit cities such as Barcelona, Amsterdam, London, Paris and Copenhagen, and some other popular places, to discover their lesser known sides,' he adds.

'I am sure all these cities have many hidden treasures waiting to be discovered by me. My plan is to go there and breathe in their atmosphere and experience the streets by walking them, and then I will see what I can do.'

'One day I hope to sell prints of my images via my upcoming website ([yenertorun.com](http://yenertorun.com)) and publish a photo book about Istanbul. I would love to display my work in an exhibition too, but since I am very new to photography I don't yet know how these things are arranged.'

'I want to continue making similar series of other cities all around the world, but as I'm reliant on my own financial means, creating a series for each city will take a long time. But I am looking for sponsors and partnerships to speed up the process.'

Digital technology has done for photography what *The X Factor* has done for music. Traditionalists argue that it's diluted the integrity of the medium, but it's unquestionably blown open the doors to what was once an exclusive club, allowing enthusiasts of all ages, backgrounds, budgets and abilities to have a go. What's more, the giant strides made in smartphone technology have given casual shooters the tools, albeit basic ones, to develop their photographic eye.

Perhaps smartphones, and even his new CSC, are considered 'modest equipment' to the seasoned shooter, but if Yener's story teaches us anything, it's that you don't need expensive cameras to take groundbreaking photos and make a name for yourself.



#### 5 SHOOTING SECRETS

Whether you're using a smartphone or a DSLR, Yener's secrets to shooting minimalist masterpieces are sure to help you

#### Rules

'I've always loved simplicity and almost all my photos are composed using geometry: symmetry, strong lines, patterns, which help to define the borders of the frame,' he says. 'Just look at a random selection of photos from my gallery and you'll see these rules jump out at you.'

#### Light

'I tend to only shoot on sunny days. The reason I do this is because I need strong light in order to accentuate the colours in front of me.'

#### Shoot, rinse, repeat

'If the shot is candid, I take two or three and select the best one. But if it is staged, I sometimes take up to ten photos to try to work every possibility. If I don't like any of the images I've captured, I'll keep revisiting the place until I get what I want.'

#### Location, location...

'I visit every location at least twice. First I discover a place I like, and then I revisit when I decide how to use it.'

#### Create your own style

'When I find a place I want to use, I close my eyes and imagine the scene in my mind. And that scene usually happens to be weird and funny.'



## THE HEART OF **Nikon**

GET A £400  
TRADE-IN BONUS  
ON A **Nikon D810**  
OR KIT



Trade in your DSLR by 30th April 2015 and you can receive up to an extra £400 trade in value on top of our normal offer towards the Nikon D810 or any D810 kit.

Contact us today on:

020 7828 4925

0% OR LOW  
INTEREST  
FINANCE

No deposit Required  
020-7828 4925  
For full details



### NIKON DIGITAL CAMERAS

Nikon D4S DSLR body.....	£4,395.00
Nikon D4S+ AF-S 14-24mm f/2.8G IF-ED Kit.....	£5,675.00
Nikon D4S + AF-S 24-70mm f/2.8G IF-ED Kit.....	£5,575.00
Nikon D4S + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£6,845.00
Nikon D810 DSLR body.....	£2,295.00
Nikon D810 + MB-D12 Grip Kit.....	£2,575.00
Nikon D810 + AF-S 14-24mm f/2.8G ED Nikkor.....	£3,575.00
Nikon D810 + AF-S 24-70mm f/2.8G ED Nikkor.....	£3,475.00
Nikon D810 + AF-S 14-24mm f/2.8G & AF-S 24-70mm f/2.8G ED Nikkor Kit.....	£4,750.00
Nikon MB-D12 Grip for D810.....	£285.00
Nikon D750 DSLR body.....	£1,695.00
Nikon D750 + MB-D16 grip Kit.....	£1,899.00
Nikon D750 + AF-S 24-85mm f/3.5-4.5G ED VR Kit.....	£1,999.00
Nikon D750 + AF-S 24-120mm f/4G ED VR Kit.....	£2,275.00
Nikon D610 DSLR body.....	£1,175.00
Nikon D610 + MB-D14 Grip Kit.....	£1,365.00
Nikon D610 + AF-S 24-85mm f/3.5-4.5G ED VR Nikkor MB-D14 Grip for D610.....	£1,565.00
Nikon D7200 DSLR body.....	£195.00
Nikon D7200 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£939.00
Nikon D7200 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£1,119.00
Nikon D7100 DSLR body.....	£735.00
Nikon D7100 + MB-D15 Grip Kit.....	£950.00
Nikon D7100 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£875.00
Nikon D7100 + 18-140mm f/3.5-5.6G VR DX ED Kit.....	£1,095.00
Nikon D7000 DSLR body.....	£475.00
Nikon D5500 body only.....	£595.00
Nikon D5500 body +18-55mm f/3.5-5.6G VR II DX Kit.....	£675.00
Nikon D5500 18-140mm f/3.5-5.6G VR DX Kit.....	£849.00
Nikon D5300 DSLR body.....	£475.00
Nikon D5300 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£539.00
Nikon D5300 + AF-S 18-140mm f/3.5-5.6G VR DX Kit.....	£745.00
Nikon D5200 DSLR body.....	£335.00
Nikon D5200 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£395.00
Nikon D3300 DSLR body.....	£329.00
Nikon D3300 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£385.00
Nikon D3200 DSLR body.....	£225.00
Nikon D3200 + 18-55mm f/3.5-5.6G VR II DX Kit.....	£285.00
Nikon Df + AF-S 50mm f/1.8G Special Edition.....	£2,045.00
Nikon Df DSLR body, chrome or black finish.....	£1,895.00

### NIKON 1 SYSTEM

Nikon 1 V3 10-30mm + Grip Kit.....	£799.00
Nikon 1 S1 11-27.5mm Kit.....	£475.00
Nikon 1 S1 11-27.5mm + 30-110mm Kit.....	£595.00
Nikon 1 AW1 + 11-27.5mm f/3.5-5.6.....	£549.00
Nikon 1 AW1 + 11-27.5mm f/3.5-5.6 + 10mm f/2.8.....	£719.00
Nikkor VR 6.7-13mm f/3.5-5.6.....	£375.00
Nikkor VR 11-27.5mm f/3.5-5.6.....	£149.00
Nikkor VR 10-30mm f/3.5-5.6.....	£225.00
Nikkor VR 30-110mm f/3.5-5.6.....	£225.00
1 Nikkor AW 10mm f/2.8.....	£169.00
Nikkor 18.5mm f/1.8.....	£139.00
Nikkor VR 10-100mm f/4.5-5.6 PD-Zoom.....	£545.00
Nikon SB-N7 Speedlight.....	£129.00
Nikon GP-N100 GPS Unit.....	£99.00
Mount adapter FT1.....	£199.00

### NIKON COOLPIX

Nikon Coolpix A.....	£849.00
Nikon Coolpix P7800.....	£499.00

### AF-S & AF DX NIKKOR LENSES

10.5mm f/2.8G AF DX ED Fisheye.....	£535.00
AF-S 35mm f/1.8G DX.....	£139.00
AF-S 10-24mm f/3.5-4.5G IF-ED DX.....	£599.00
AF-S 12-24mm f/4G IF-ED DX.....	£799.00
AF-S 16-85mm f/3.5-5.6G ED VR DX.....	£419.00
AF-S 17-55mm f/2.8G DX IF-ED.....	£995.00
AF-S 18-55mm f/3.5-5.6G VR ED DX.....	£135.00
AF-S 18-55mm f/3.5-5.6G VR II ED DX.....	£165.00
AF-S 18-105mm f/3.5-5.6G VR DX IF-ED.....	£199.00
AF-S 18-140mm f/3.5-5.6G VR DX ED.....	£399.00
AF-S 18-200mm f/3.5-5.6G VR II DX IF-ED.....	£565.00
AF-S 18-300mm f/3.5-5.6G ED VR DX.....	£619.00
AF-S 18-300mm f/3.5-5.6G ED VR DX.....	£495.00
AF-S 55-200mm f/4.5-6.6G DX ED VR II.....	£279.00
AF-S 55-300mm f/4.5-5.6G DX VR.....	£265.00

### AF FX NIKKOR LENSES

14mm f/2.8D AF ED.....	£1,219.00
16mm f/2.8D AF Fisheye.....	£599.00
20mm f/2.8D AF.....	£449.00
24mm f/2.8D AF.....	£359.00
28mm f/2.8D AF.....	£235.00

35mm f/2D AF.....	£249.00
50mm f/1.8D AF.....	£105.00
50mm f/1.4D AF.....	£235.00
105mm f/2D AF-DC.....	£795.00
135mm f/2D AF-DC.....	£995.00
180mm f/2.8D AF IF-ED.....	£675.00

### AF-S FX SILENT WAVE NIKKOR LENSES

AF-S 20mm f/1.8G ED.....	£625.00
AF-S 24mm f/1.4G ED.....	£1,445.00
AF-S 28mm f/1.8G.....	£485.00
AF-S 35mm f/1.4G.....	£1,289.00
AF-S 35mm f/1.8G ED.....	£399.00
AF-S 50mm f/1.4G IF.....	£275.00
AF-S 50mm f/1.8G IF.....	£139.00
AF-S 58mm f/1.4G.....	£1,199.00
AF-S 85mm f/1.8G.....	£345.00
AF-S 85mm f/1.4G.....	£1,119.00
AF-S 14-24mm f/2.8G IF-ED.....	£1,295.00
AF-S 16-35mm f/4G ED VR.....	£795.00
AF-S 17-35mm f/2.8D IF-ED.....	£1,395.00
AF-S 18-35mm f/3.5-4.5G.....	£489.00
AF-S 24-70mm f/2.8G VR II IF-ED.....	£1,195.00
AF-S 24-85mm f/3.5-4.5G ED VR.....	£395.00
AF-S 24-120mm f/4G ED VR.....	£725.00
AF-S 28-300mm f/3.5-5.6G ED VR.....	£645.00
AF-S 70-200mm f/2.8G VR II IF-ED.....	£1,575.00
AF-S 70-200mm f/4G VR IF-ED.....	£895.00
AF-S 70-300mm f/4.5-5.6G VR IF-ED.....	£419.00
AF-S 80-400mm f/4.5-5.6G VR ED.....	£1,875.00
AF-S 200-400mm f/4G VR II IF-ED.....	£4,675.00
AF-S 200mm f/2G VR II IF-ED.....	£3,895.00
AF-S 300mm f/4D IF-ED.....	£1,029.00
AF-S 300mm f/4E PF ED VR.....	£1,639.00
AF-S 300mm f/2.8G VR II IF-ED.....	£3,799.00
AF-S 400mm f/2.8E VR FL ED.....	£9,795.00
AF-S 500mm f/4G VR IF-ED.....	£5,749.00
AF-S 600mm f/4G VR IF-ED.....	£6,895.00
AF-S 800mm f/5.6E VR FL ED (inc. TC800-1.25E ED teleconverter).....	£12,945.00
TC-14E III 1.4x teleconverter.....	£399.00
TC-17E II 1.7x teleconverter.....	£289.00
TC-20E III 2x teleconverter.....	£349.00

### AF & AF-S MICRO-NIKKOR LENSES

AF-S 40mm f/2.8G DX Micro.....	£179.00
60mm f/2.8D Micro.....	£375.00
AF-S 60mm f/2.8G ED Micro.....	£365.00
AF-S 85mm f/3.5G VR DX IF-ED Micro.....	£365.00
AF-S 105mm f/2.8G AF-S VR Micro IF-ED.....	£609.00
200mm f/4D AF Micro IF-ED.....	£1,149.00

### NIKON SPEEDLIGHTS

SB-910 Speedlight.....	£335.00
SB-700 Speedlight.....	£219.00
SB-500 Speedlight.....	£185.00
SB-300 Speedlight.....	£99.00
SB-R1C1 Close-Up Commander Kit.....	£545.00
SB-R1 Close-Up Remote Kit.....	£399.00
SU-800 Wireless Speedlight Commander.....	£269.00
SB-R200 Wireless Remote Speedlight.....	£159.00

### MANUAL FOCUS NIKKOR AIS LENSES

20mm f/2.8 Nikkor.....	£901.00
24mm f/2.8 Nikkor.....	£608.00
28mm f/2.8 Nikkor	



PROBABLY THE WIDEST RANGE  
OF NEW & SECOND-HAND  
**Nikon** IN THE WORLD

020-7828 4925

EST. 1985 – THE KIND OF SERVICE OF WHICH LEGENDS ARE MADE

## SPECIALISING IN THE EXCEPTIONAL

Photographs by Tony Hurst



### NIKON M RANGEFINDER CAMERA - A VERY EARLY EXAMPLE

In 1948 Nikon's very first camera, the Nikon Model One, was destined for only a brief production run. Its 24 x 32mm format proved unpopular with the GHQ of the Occupation Forces under General MacArthur, who would not allow the camera to be exported to the USA because the 24 x 32mm format was not compatible with Kodachrome slide mounts. It was replaced by the Nikon M (the M standing for mutatio – Latin for change or alteration). The M used a 24 x 34mm format, but it was still smaller than the 36 x 24mm employed by Leica. In addition Nikon added the letter 'M' before the serial number which is the only time they ever identified one of their rangefinder cameras. According to factory records, the first Nikon M was camera M609760 assembled in August 1949. The camera is marked "Made in Occupied Japan" on the base, a sign of the times following the 1945 Armistice and the US occupation of Japan which lasted from the summer of 1945 through Spring 1952. The number of this very rare example is M609769, which is possibly the 10th production camera! It is complete with a 5cm f/2 Nikkor-HC collapsible lens.



TO ORDER TELEPHONE  
**020-7828 4925**



Find us on Facebook: [www.facebook.com/graysofwestminster](https://www.facebook.com/graysofwestminster)

Visit our website: [www.graysofwestminster.co.uk](https://www.graysofwestminster.co.uk)

# LOCATION GUIDE

# Martinsell Hill

As one of Wiltshire's

highest points, this hill offers spectacular views.

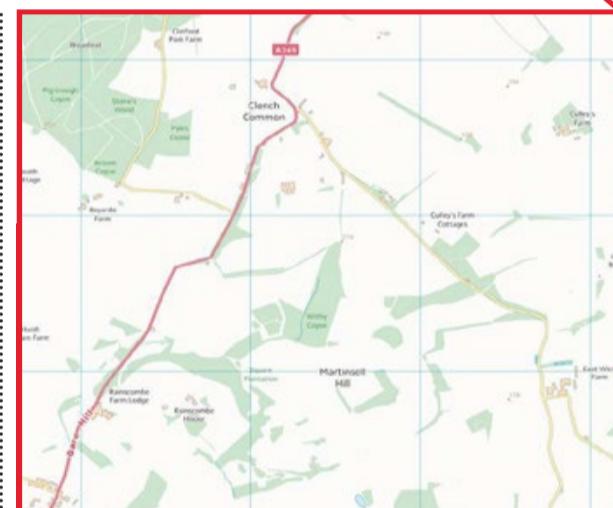
**Mark Bauer** reckons it's a hidden gem



## KIT LIST

### ▼ Lenses

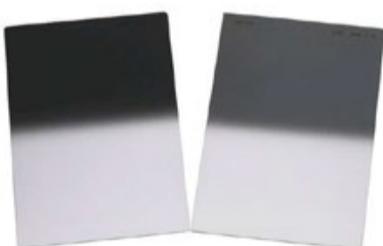
Both wideangle and telephoto lenses are handy – wideangles for making the most of foreground interest and panoramic views, and telephotos for the more distant points of interest.



© CROWN COPYRIGHT 2015 ORDNANCE SURVEY. MEDIA 009/15

### ▼ Graduated filters

Grads will tone down bright skies at sunrise, so you don't blow the highlights. Use the soft-edged ones if you have foreground interest that breaks the horizon.



### ▼ Polariser

Polarisers reduce surface glare and restore natural colour saturation, and are essential filters for making the most of the spring colours. Shoot at 90° to the sun for maximum effect.



APART from the obvious hot spots such as Stonehenge and Salisbury Cathedral, the county of Wiltshire doesn't seem to get much attention from photographers. This is a shame, because it is a beautiful place: a quintessentially English landscape filled with rolling hills, chalk streams and woodland.

One of the county's hidden gems is Martinsell Hill. At 948ft, it is one of the highest points in Wiltshire and offers a panoramic vista of the Pewsey Vale. With good viewpoints all around, the most photogenic spot is probably on the eastern side, where there are the remains of a Neolithic hill fort. From this spot there are far-reaching views and foreground interest provided in the form of a lone Scots pine and the ridges of ancient earthworks.

Martinsell Hill is just outside Marlborough. From Marlborough, take the A345 towards Pewsey. After a couple of miles, turn left onto an unclassified road signposted towards Wootton Rivers and Clench. About a mile and half down the road, there is a small car park on the right. Park here and follow the well-marked footpath along the ridge of the hill. It's just a ten-minute walk to the main viewpoints, and as the car park is near the top of the hill there is only a gentle slope to contend with on even ground.

There's far more to this location than wideangle views, though, as there are plenty of distant details around which to base compositions, such as trees in the rape fields or the tops of hills in the mist.



Ridges of the earthworks make superb lead-in lines Canon EOS 5D Mark III, 24-105mm, 1/13sec at f/11, ISO 100, 2EV soft grad



### Mark Bauer

Mark Bauer has been a full-time landscape photographer for more than ten years. He is based in Dorset and takes his inspiration from the beauty of the surrounding landscapes in the south-west of England. [www.markbauerphotography.com](http://www.markbauerphotography.com)

# Shooting advice

## Time to visit

MARTINSELL Hill looks good at any time of year, but winter can be great, especially if there is a heavy frost or a dusting of snow on the hills. However, my favourite time is spring, as there are often fields of rape in the Pewsey Vale below, which add splashes of colour to the distant landscape. After a clear, still night, there's also the possibility of low-lying mist in the valley to add atmosphere to your shots.

Because of this and the angle of sunrise, early morning shoots tend to work out best in the spring. With a wideangle lens it's possible to capture the rising sun and the lone pine together in the frame. Alternatively, there is a bench overlooking the valley that provides excellent foreground interest for a wideangle shot. Shooting towards the sunrise means there will be high contrast in the scene, so graduated filters are a must. If the tree is foreground interest, use a soft grad if possible so that the transition line doesn't appear too harsh.

If you have a longer lens, such as a 70-200mm, it's worth putting it in your kit bag. It's only a short walk and the weight is worth the extra compositional possibilities.

## Food and lodging

JUST down the road from Martinsell Hill is the charming market town of Marlborough, with numerous cafés, restaurants and pubs. If you fancy a fry-up after a dawn shoot, try Appleby's in Hughenden Yard just off the high street. If you're coming from further afield, there are plenty of B&Bs to choose from in the town, or if you'd prefer a hotel the Castle & Ball is centrally located and full of character.

Use longer lenses to pick out patterns in the fields below. This works particularly well when there is a light frost or mist in the valley

Canon EOS 5D Mark III, 70-200mm, 0.5sec at f/11, ISO 100, 2EV hard grad

A lone pine tree on the top of the hill makes great foreground interest

Canon EOS 5D Mark III, 16-35mm, 1/10sec at f/16, ISO 100, 3EV soft grad



# Toil & strife

**Kevin McElvaney** tells **Gemma Padley** how and why he photographed the men who mine sulphur along the slopes of a volcano in East Java, Indonesia

**I**t's not your average subject – a sulphurous volcano in the Indonesian province of East Java – but for 27-year-old Kevin McElvaney, Ijen, which stands at more than 2,500 metres high, was a photographic challenge too good to pass up. The documentary photographer, who lives in Hamburg in northern Germany, came across the volcano after watching a documentary film about the veteran photographer James Nachtwey. In the 2001 film *War Photographer*, Nachtwey is seen photographing the Ijen volcano, situated towards the east of the region, battling, as McElvaney says, the heavy clouds of sulphur that almost engulf him.

From the volcanic sulphur mine at Ijen (one of the few remaining in the world), workers collect the hardened yellow sulphur, which they sell to local industries. The sulphur is used in matchsticks and to bleach sugar, among other purposes. Retrieving the substance from the edges of the volcano's crater is a dangerous, difficult job, and it isn't well paid, but despite this, many persist, lugging up to 90kg of sulphur down the mountain at a time before returning for the next load.

Intrigued by what he saw in the film, and not a bit put off by the inevitable challenges of such a trip, McElvaney, a former business administrator who picked up a camera four and a half years ago,

decided to take a look for himself. His reason was initially an aesthetic one. Given that Nachtwey images are in black & white, McElvaney wanted to see what the yellow landscape (caused by the cool and hardened lumps of sulphur) would look like photographed in colour. In October 2014, McElvaney packed his bags and set off for Ijen to find out for himself.

The journey was long. It comprised three flights, a ten-hour train ride and a couple of motorcycle journeys – but eventually the young photographer made it to the base of the volcano. Laden with his camera equipment and supplies, there was only one thing for it – to trek up the side of the volcano. With help from Imam, a former miner who stopped working at the sulphur mine in Ijen six years ago, McElvaney traversed



the rocky terrain and spent two days photographing the workers as they went about their daily business.

'It was far more dangerous than I'd expected and at times I asked myself why I was doing this,' says McElvaney. 'I thought it was a rumour that the workers carried 80 or 90kg of sulphur, but when I got there, I realised it was true.' It takes the workers around two hours to climb down the mountain with their hauls, which sell for around seven cents per kilogram, he adds.

#### The project

McElvaney's images show many aspects of the daily grind that the workers endure as they toil tirelessly against an imposing volcanic backdrop. We see individuals hauling heavy loads through thick smoke and the scars on the back of a worker, caused by the labour-

intensive nature of the work, but also a man pausing for a brief moment of rest, surprisingly, with a cigarette. McElvaney explains how strong winds made photographing all the more difficult, and describes how the volcanic gases would shoot up from naturally forming vents known as fumaroles – not to mention the density of the acrid smoke, which was often unbearable.

'Usually, there would be between 100 and 200 people working, I was told, but due to the poor weather conditions there were just 12 on the days I was there,' he says. 'From my research, I'd expected the volcanic gases to rise on one side of the crater, but these winds were [coming across], which is why many of the images look smoky.'

A gas mask protected him against the worst of the noxious gases, but it was not completely leak-proof. 'I

**Above:** A worker tries to find a safe way down avoiding the hot pipes. Sometimes people are burned by the hot steam, gases and fire. The pipes cap the fumaroles of the volcano and channel the gas down to the barrels

**Far left:** Six years ago this man (Imam, 38) decided to stop mining for sulphur, but after all these years you can still see the toll it has taken on his body

was coughing for four weeks after I returned from Indonesia,' he says. 'At the time, I had a long beard so the mask didn't fit properly. Sometimes the smoke was so intense we had to lie on the ground for a few minutes until the wind eased. It burns your eyes and is pretty warm. Some of the workers even passed out.'

Undaunted, McElvaney persevered, and managed to capture several documentary shots and landscape images. Ordinarily in his photography, he veers towards environmental portraits and tries to get to know his subjects, he explains, but, given that talking with his subjects was difficult in these conditions, he decided that a photo essay with a range of shots would be a more honest way of telling the workers' story.

'I always try to come back



from any trip with personal stories and portraits, but the bad conditions made it near impossible to speak to the workers,' he says. 'And even when the conditions improved, they wanted to get on with their work and not spend time talking with me. Since I wasn't able to photograph them [in the way I wanted], I had the idea of photographing in more of a documentary way, which meant following them as they worked and showing what they do.'

#### Tricky conditions

McElvaney, who has also travelled to Ghana, Israel and South Africa with his photography, explains that

he needed to have a robust 'dust-proof' camera that could withstand the tricky shooting conditions, (he used a Nikon D800), and, since he was unable to change his lens due to the dusty, smoky conditions, stuck to using a fixed-focal-length 28mm lens. 'I had thought about changing my lens, but forced myself to use only this optic and instead move closer to the people,' he says. 'It's easy to make shots from a distance and stay in an easy environment, but...' he trails off. 'Plus, I usually shoot with this lens.' He also had a Polaroid camera and took pictures using this to show his subjects, 'as a way of saying thanks'.

Reflecting on his experiences in

**Above:** With full baskets, the miners walk along the steep crater walls very slowly and stop several times

**Left:** The miners use steel bars and other simple tools to cut off chunks of the solid sulphur

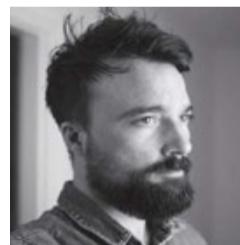
East Java, McElvaney has some sound advice for others who may have plans to photograph in difficult regions. If possible, he says, link up with a guide who can help you with the logistical and communication aspects of the trip. Body language gets you so far, he says, but don't underestimate the importance of a native speaker.

'Local contacts are very important, especially if the conditions become increasingly difficult [to handle] or aren't what you had expected,' he adds. 'To have people who can translate the language or introduce you to others is a big advantage.'

At present, McElvaney is working on an edit of images from a recent trip to Israel and also hopes to visit Nigeria, Greece and the Ukraine to work on projects in the near future.

'I often dislike my images immediately after I've returned from a trip, and it takes me two or three weeks to make an image selection,' he confesses. 'I self-fund the projects I do, and have another job [to support myself] as I don't want to be forced to work on a story just to make money.'

'I see this as a phase in which I am investing in my photography career,' he adds. 'I would love to be the photographer who is booked to do an assignment because the person who commissions me likes my visual language.'



Kevin McElvaney is based in Hamburg, Germany. Kevin's previous projects include documenting the pickers at Agbogbloshie's e-waste dump outside of Accra, Ghana. To see more of Kevin's work, visit his website at [www.derkevin.com](http://www.derkevin.com)



# Where is the best place to buy a camera?

Who can provide you with the right information, the right products and at a good price? The **Good Service Awards** aim to answer these questions by presenting photography retailers who stand out from the rest with an award. From this you can work out where to shop for your photography equipment and find out where you will be treated as a valued customer.

**VOTING HAS NOW OPENED** for the **2016** Good Service Awards.



**VOTE NOW** for  
your favourite retailer at  
**[www.whatdigitalcamera.com/gsa](http://www.whatdigitalcamera.com/gsa)**

Voting closes 10th January 2016

# Reader Portfolio

Spotlight on readers' excellent images and how they captured them



## Up for Breakfast

1 This was taken in Richmond Park during one of Duncan's first dedicated photography outings. By exposing in just the right way, Duncan has made sure to retain some subtle detail in the deer. Canon EOS 1000D, 55-250mm, 1/250sec at f/32, ISO 800



## Frozen Fern

2 Duncan shot wide open and at full zoom to create a shallow depth of field and also to create a very faint bokeh effect with the dappled light  
Canon EOS 5D Mark II, 24-105mm, 1/320sec at f/4, ISO 200



## Duncan Herring, London



Duncan's image 'Web Spinners and Deer Stalkers' was featured as our Online Picture of the Week in AP 22 November, 2014. That same image went on to win the Breathing Spaces category in this year's International Garden Photographer of the Year competition.



**Helicon Focus Pro** innovative software worth \$200. Visit [www.heliconsoft.com](http://www.heliconsoft.com)

Helicon Focus is designed to merge several differently focused images into a fully focused one, thus allowing extreme depth of field. You can produce sharp images in one click, retouch results with special brushes and enjoy all the benefits of state-of-the-art technology to make your images stand out

The two **Reader Portfolio** winners chosen every week will receive a copy of

#### Submit your images

Please see the 'Send us your pictures' section on page 3 for details or visit [www.amateurphotographer.co.uk/portfolio](http://www.amateurphotographer.co.uk/portfolio)



5

#### Burning

**5** Duncan has exposed for the blazing sunrise in order to throw the tree into a graphic silhouette

Canon EOS 5D Mark III, 24-105mm, 1/160sec at f/14, ISO 200

#### Isolation

**6** This shot is a contrast to 'Burning'. Duncan has processed the image in a toned monochrome with the intention of printing on matt paper

Canon EOS 5D Mark III, 24-105mm, 1/80sec at f/8, ISO 125



#### Bellow Through the Bracken

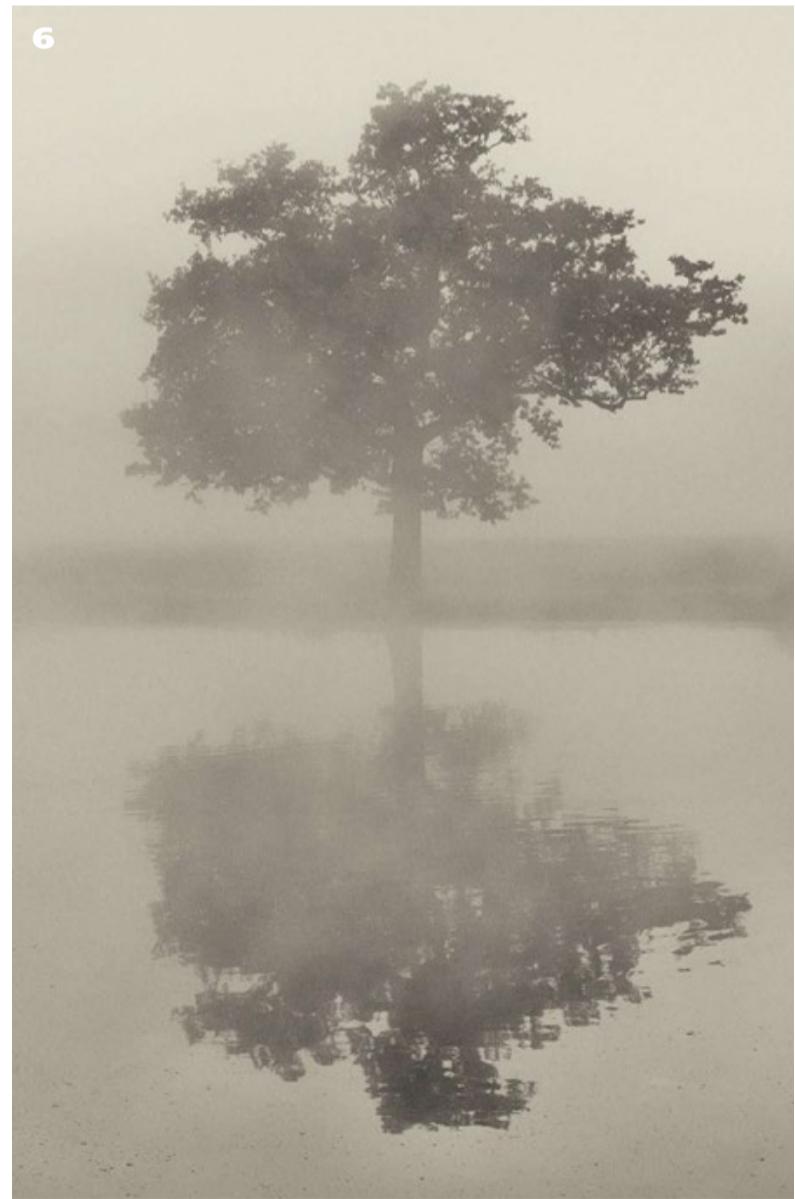
**3** This image was taken on the same day that Duncan shot his winning IGPOTY image. He had spotted the mist rising one afternoon and knew he had to return the next day with his camera.

The silhouetted stag is a fantastic element  
Canon EOS 1000D, 55-250mm, 1/125sec at f/9, ISO 200

#### Wandering Deer

**4** As Duncan says, he was lucky that the deer wandered in from the right while still keeping the tree as the central subject within the frame. The mist and foliage are a great way of maintaining depth in the scene

Canon EOS 1000D, 55-250mm, 1/200sec at f/5.6, ISO 250



6

1



## Dan Park, USA



'I guess I've always been visual in my approach to making sense of the world,' says Dan. 'While driving down the highway, I sometimes pass time by visualising a scene – the lines, the shapes and perspective – and frame it in my mind.' Dan identifies his favourite subject as landscapes, particularly if they involve water, and in the future he would like to create some long-exposure photography around interesting seashore areas in Scotland and Iceland. He would also like to try his hand at portrait photography.

2



## Shore of the Hudson River 1

1 Dan has kept the emphasis on the warm orange glow of sunset behind the scenes. This has given the image a nice contrast of colours, particularly with the orange against the cold still blue of the frozen river

Nikon D750, 24-70mm, 1/5sec at f/22, ISO 100, tripod, remote shutter release



## Shore of the Hudson River 2

**2** 'This shot was taken during sunset just when the buildings began turning their lights on,' says Dan. 'Because it was a Sunday, lower Manhattan was not as lit up. It gave the opportunity to record the orange glow of sunset on the side of the buildings' Nikon D7000, 50mm, 1/20sec at f/8, ISO 640, tripod, remote shutter release



## Brooklyn Bridge

**3** 'The East River flows to the left and there were melting ice chunks floating on the water,' says Dan. 'During the exposure, a boat cruised right by the frame, but due to the exposure time it almost completely disappeared from the shot. You can see the blurred streak and for some reason it also caused a lens flare to the left. Normally I would delete this, but the boat's eddy also caused the ice chunks to swirl around. It was a pleasant outcome' Nikon D750, 16-35mm, 25secs at f/20, ISO 100, tripod, Big Stopper ND filter, remote shutter release



## Sedona, Arizona

**4** The evening sunlight has revealed the rich red of the rock. Also, by ensuring the image is sharp, we see the stunning details Nikon D7000, 17-55mm, 1/50sec at f/20, ISO 400, tripod, circular polariser, remote shutter release



**3**



# Appraisal

Expert advice and tips on improving your photography from **Damien Demolder**

**AFTER**



**Picture of the week**

Cropping the frame to 16:9 reduced the amount of sky without diluting its presence

## Lone farmer Chaitanya Deshpande

Canon EOS 7D, 70-200mm, 1/250sec at f/9, ISO 250

THIS is a stunning scene, and Chaitanya has made a great job of spotting it and creating a clever composition that leads us right into the frame, from bottom left to top right. I love the light and the swirling terraces that ring the dome-like mounds in the landscape – and those clouds rolling across the scene make the perfect mysterious backdrop.

There is a person right in the middle of the frame who we don't necessarily see at first, positioned crossing over from the bright flatness of the sky reflected in some water and not quite disappearing against the hillside behind him. He makes a great focal point, but for us to find him

more quickly he needs to stand out a bit more.

Although I like Chaitanya's original very much, I think a darker exposure would have emphasised the shades and steps in the scene, and would have made the person lift off the page a little more.

We don't want this to become a ghastly pit of contrast and colour saturation, as this is supposed to be a natural-looking scene, but we could do more to show off the characteristics of the landscape.

I like the sky in the original, but feel there is a little too much of it for balance – it starts to draw us away from the foreground and middle distance. By cropping the

**BEFORE**



Chaitanya's original image, with a lot of sky taking focus from the foreground

frame to 16:9 proportions, we can reduce the amount of sky without diluting the power of its considerable presence, and create a widescreen format that

suggests something of a movie still. This is a truly wonderful shot, Chaitanya, and one that well deserves my picture of the week award.



**Win!**

Send up to six prints, slides or images on CD (include the original files from the camera along with your versions on the CD). Tell us about the pictures and include details of equipment used and exposure settings. Send your images to *Appraisal* at the address on page 3. Enclose an SAE if you want them returned. The picture of the week will receive a year's digital subscription to AP worth £79.99

**Submit your images**

Please see the 'Send us your pictures' section on page 3 for details or visit [www.amateurphotographer.co.uk](http://www.amateurphotographer.co.uk)

## BEFORE



Abishek's original was somewhat underexposed

## Pelican

Abishek Sridhar

Canon EOS 1100D, 300mm, 1/80sec at f/5.6, ISO 100

YOU CAN'T beat a bit of tonal contrast to give a picture some impact and make it stand out from the crowd. That contrast doesn't have to be jet black against blinding white, as even moderate tones can produce eye-catching properties, so long as those tones are far enough apart on the tonal scale. Here Abishek's middle-tone greys are almost enough against the deep shadows to make the bird jump out of the page.

While the tonal contrast in this shot is enough to produce the effect we need, the bird is somewhat underexposed, so

## AFTER



The image after the highlights were lifted using the Dodge tool

I have given it a bit of a lift to show what it may have looked like with an extra stop of light.

It's a shame that the level of illumination lighting the bird's body didn't quite make it onto the bird's bill. I've used the Dodge tool to lift the highlights to simulate the effect, although of course it

would have looked better had the light been on the top of the bill at the time of shooting.

Abishek's picture isn't very sharp, mainly because he used a shutter speed of 1/80sec with a 300mm lens – on an APS-C body. To avoid camera shake, that kind of focal length on that body

would need a shutter speed of 1/450sec, so actually he has done pretty well, although still not quite well enough.

This is a well-seen subject that has all the potential to make a cracking picture, but the light and the technique have let Abishek down.

## BEFORE



In George's original, the subject has become lost in the background

## Street artist

George Fisk

Canon EOS 5D Mark II, 70-200mm, 1/200sec at f/11, ISO 200

WHILE contrast can make a subject stand out from a background, in some cases it can become the subject itself and make what you are trying to show difficult to see. In this picture, George has allowed the contrast to get carried away, and the combination of deep blacks and brilliant whites hide the detail of the subject, while simultaneously drawing our attention. When our attention is drawn to an area that is actively hiding detail, we miss out on the original message.

The final result after lifting the shadows and drawing back the highlights



This is an interesting scene, as the backlight picks out the back of the man's head and neck, while the direct sun reflects off the white paper surrounds of the paintings to fill in the shadow

areas of his face. The hard contrast, though, works against this nice fill-light, and plunges his cheeks into darkness.

I don't have the original file to rework the image with less

contrast, but I've lifted the shadows and drawn back the highlights to try to show how more detail can be seen when there is less contrast hiding things from the viewer.

**Damien Demolder** is a photographer, journalist and photographic equipment expert, speaker, judge and educator. He has worked in the photographic publishing industry for 17 years, including 15 years at *Amateur Photographer*. He uses a wide range of equipment, from wooden plate cameras to the latest DSLRs, and is a great fan of all products that make good photography more accessible to more people

# Accessories

Useful gadgets to enhance your photography, from phones to filters...

## Rogue FlashBender 2 XL Pro Lighting System

● £85 ● [www.expoimaging.com](http://www.expoimaging.com)

**Callum McInerney-Riley** tests one of the most versatile light-shaping systems on the market



### At a glance

- Lightweight and portable
- Multiple functions for different light shaping
- Packs away flat into its own carry case
- Includes a detachable softbox grid

THE NEW FlashBender 2 XL Pro Lighting System is a multi-functional light-modifying tool that attaches to a flashgun. The kit includes the FlashBender 2 XL Pro reflector – the largest reflector available – a softbox diffuser attachment for softening the light, and a strip-grid attachment (strip diffusion panel and fabric grid) for directional concentration of the light.

The reflector itself measures 254 x 280mm, and thanks to some malleable rods inside the reflector it can be sculpted to form a variety of shapes, including snoots and barn doors.

As all the kit parts are independent of each other, the Rogue FlashBender 2 XL Pro Lighting System can be packed up to a very small size. It can easily be transported on location and it fits perfectly into a 15in laptop compartment of a camera bag.

### Conclusion

If you're looking for a light modifier to use in a host of situations on location, you can't really get better than the Rogue FlashBender 2 XL Pro Lighting System. While the quality and spread of light isn't as good as a purpose-built softbox, the trade-off is very slight when you consider just how much you can do with the kit. Whether it involves using the softbox attachment and grid to softly light a portrait, sculpting a snoot from the reflector to shoot a product from above, or adding a little fill-light, the results are really impressive. The ability to adapt to each situation is the Rogue Kit's strong point, and if you're into shooting different things with off-camera flash then the FlashBender 2 XL Pro Lighting System is a brilliant accessory.



### OPTIONAL EXTRAS

#### Rogue 3-in-1 Honeycomb grid

£30, [www.expoimaging.com](http://www.expoimaging.com)

By rolling the reflector into a tube, the 3-in-1-grid attachment can be added to the FlashBender 2 kit, which allows a very precise spotlight. It's perfect for hair and rim-lighting a portrait.



#### Rogue Universal Gel Kit

From £23, [www.expoimaging.com](http://www.expoimaging.com)

These flash gels attach to a flashgun to give users coloured light. Rogue makes an impressive collection that comes with a handy carry case. As well as the universal kit with a host of different-coloured gels, Rogue also sells gels that correct white balance.



# Amateur Photographer

The latest photography kit and technique at your fingertips

## Tech 21 Patriot iPhone 6 case

£40  
[www.tech21.com/styles/patriot](http://www.tech21.com/styles/patriot)



The case offers edge and screen protection, as well as dust covers for ports

SMARTPHONES aren't just useful for taking the odd snapshot, as there are hundreds of apps that can help you do everything from catalogue your images to finding out the exact direction of the sun. And then there are other essentials, such as navigational tools and, of course, making phone calls. This is why they're an essential accessory for many photographers.

If you're out in rugged shooting conditions, taking your valuable, and often delicate, smartphone can be risky. Thankfully, the Tech21 Patriot case should protect your phone should the worst happen. The rugged case is made of a tough, but flexible plastic, while a built-in Impact Shield cover protects your screen and the home button.

Tech 21 says it will protect your smartphone from a four-metre drop, and having dropped my phone from a 2.5-metre drop onto a wooden floor, and it surviving, I have no reason to doubt this claim.

It isn't just protection from impact that the case offers. By covering the home button, screen and various ports and buttons, the case also makes the phone splashproof. Even with the cover the touchscreen is still usable, and all the buttons that are covered are mimicked on the case so they can all still be used. The only things, obviously, not covered are the front and rear cameras, so you can still snap away.

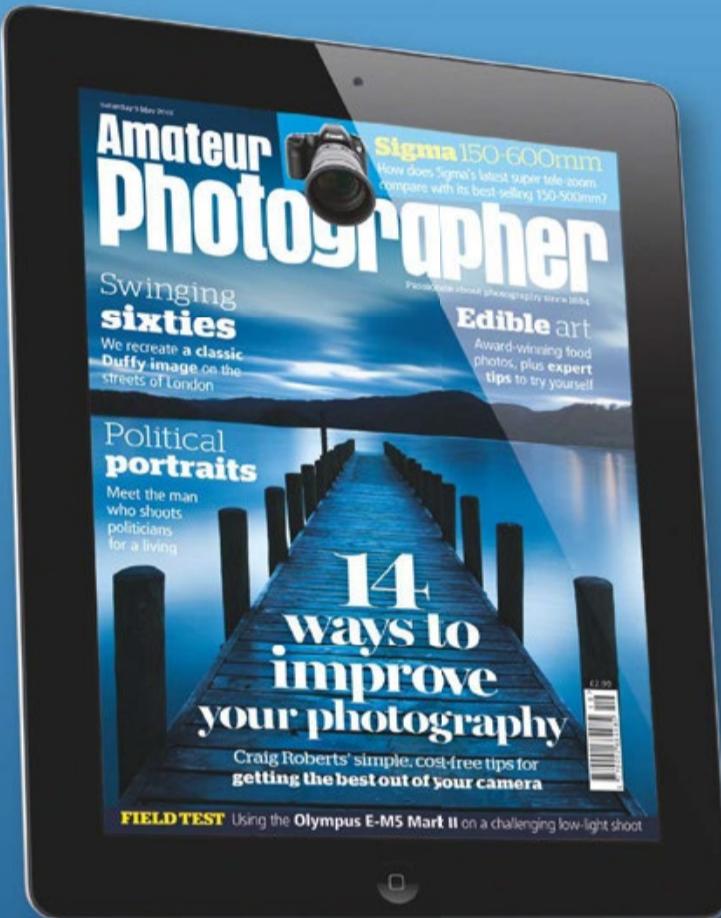
A useful addition is a removable plastic holster that includes a sturdy belt/strap clip. I found this to be very secure on my belt, or camera strap, yet it takes just a second to unclip and release the phone.

The case adds significant bulk to what are otherwise slender phones, but if you want to protect your phone while shooting it is a small sacrifice to make. Overall, the case offers superb protection for Apple iPhone 5S, iPhone 6, iPad Air and Samsung Galaxy 6.

**Richard Sibley**



The Tech 21 Patriot case doesn't restrict the use of the camera



More great pictures  
More technique  
More opinion  
More inspiration

- Download online, enjoy offline
- Buy from the comfort of your own home
- Available the day the magazine goes on sale
- Missed an issue? Simply download a back copy

**Try it today**

[www.amateurphotographer.co.uk/digital-edition](http://www.amateurphotographer.co.uk/digital-edition)

Download on the  
App Store

Google play

kindle fire

nook™

zinio™



### At a glance

- 24.2-million-pixel, APS-C CMOS sensor
- Canon EF-M mount
- ISO 100-12,800 standard, (100-25,600 extended)
- 4.2fps continuous shooting
- Full HD video at 30fps, 25fps and 24fps
- £600 with 18-55mm lens

# Canon EOS M3

The **EOS M3** is Canon's first compact system camera to be aimed squarely at enthusiast photographers.

**Andy Westlake** finds out whether it hits the mark

### For and against

- +** Compact, portable design
- +** Excellent controls and user interface
- +** Impressive image quality
- Relatively slow continuous shooting and focusing
- No built-in viewfinder
- Limited native lens range

### Where in the range



#### Canon EOS 100D

**Price** £360 with 18-55mm lens  
Canon's most compact DSLR is based around the company's stalwart 18MP, APS-C CMOS sensor, and handles remarkably well considering its size.



#### Canon PowerShot G1 X Mark II

**Price** £520  
Canon's premium large-sensor zoom compact houses a 12.8MP, 1.5in CMOS sensor and a fixed 24-120mm (equivalent) f/2-3.9 lens.

### Data file

Sensor	24.2-million-pixel, APS-C CMOS
Output size	6000 x 4000 pixels
Focal length mag	1.6x
Lens mount	Canon EF-M
File format	Raw (CR2), JPEG, raw + JPEG
Shutter speeds	30-1/4000sec
ISO	100-25,600 (expanded)
Exposure modes	PASM, auto, scene
Metering	Evaluative, partial, spot, average
Exposure comp	±3EV in 1/3 steps
Drive	4.2fps
Movie	Full HD at 30fps, 25fps or 24fps
Viewfinder	Optional EVF-DC1
Display	3in, 1.04-million-dot tilting LCD
AF points	49-point hybrid CMOS III
External mic	Yes, 3.5mm stereo
Power	LP-E17 rechargeable Li-ion
Battery life	Approx 250 shots
Memory card	SD, SDHC, SDXC
Dimensions	110.9 x 68 x 44.4mm
Weight	366g (with battery and card)



**O**f all the major camera manufacturers, Canon has been by far the most reluctant player when it comes to compact system cameras. Not only was Canon one of the last to make a mirrorless camera at all, with the EOS M in mid-2012, but it has also released just four compatible EF-M mount lenses to date. With a simplistic entry-level design and sub-par autofocus, the EOS M never really captured photographers' imaginations, so it's perhaps no surprise that Canon has taken so long to follow it up. But now, with the EOS M3, the company has moved distinctly towards attracting enthusiast photographers.

The M3 is based around an all-new 24.2-million-pixel,

With its tilting LCD screen, the EOS M3 is great for exploring interesting angles, like in this low-level shot



APS-C-sized CMOS sensor. Perhaps surprisingly, this doesn't employ Canon's clever dual-pixel AF technology that is used on the EOS 70D and 7D Mark II, but instead incorporates phase-detection pixels to give a 49-point hybrid autofocus system.

In terms of design, the M3 borrows heavily from Canon's other small cameras, with a handgrip that's reminiscent of that on the EOS 100D, and a tilting touchscreen and EVF-compatible hotshoe like those on the PowerShot G1 X Mark II. It's also the first EOS to gain an exposure-compensation dial. The message here is clear – the M3 is designed to keep existing EOS owners, who might be tempted to buy another brand of CSC, in the Canon fold.

## Features

With a solid, but not exactly class-leading specification, Canon seems to have decided that the EOS M3 should keep prospective buyers reasonably satisfied without treading too much on the toes of its DSLR range. That 24.2MP sensor offers a sensitivity range of ISO 100-12,800, expandable to ISO 25,600. Shutter speeds run from 30secs up to 1/4000sec, and continuous shooting operates at 4.2fps with a five-image raw buffer (although unlimited shooting in JPEG).

When it comes to video, the M3 is capable of recording full HD 1920 x 1080-pixel movies at 30fps, 25fps or 24fps, with built-in stereo mics and the added bonus of a 3.5mm jack for an

external microphone. A focus-peaking display is available for manual focusing, which is displayed during recording to aid pulling focus from one subject to another. However, there's no overexposure-warning display.

For viewing images, the M3 has a 3in, 1.04-million-dot rear touchscreen that is hinged to tilt 45° downwards, upwards or fully forwards. There's no built-in viewfinder, but an optional EVF is available (more on this later).

Other features include the now-obligatory built-in Wi-Fi for connection to a smartphone or tablet, allowing remote control and image sharing. An NFC chip in the camera's base enables easy pairing with compatible devices. One nice touch is that the M3 also

has an IR receiver in the handgrip, for a more traditional take on wireless remote control.

## Screen and viewfinder

With no built-in viewfinder, most M3 owners will rely on the rear LCD. Thankfully, this is sharp and detailed, with pretty accurate colour rendition. The on-screen displays are clear and offer plenty of exposure information, and it's possible to cycle through various levels of detail, along with an SLR-like control panel display showing the main settings on an otherwise-blank screen that works best when using the EVF.

At its standard brightness setting the screen is a bit too dim for shooting in bright sunlight, but turn it up to maximum

# Focal points

The EOS M3 has plenty of external control points and includes a solid feature set too

## Pop-up flash

The tiny built-in flash is released by a sliding switch in the camera's side, and has a guide number of 5m at ISO 100.

## Wi-Fi and NFC

An NFC chip is located in the camera's baseplate for easy Wi-Fi set-up with compatible devices.

## Battery

The LP-E17 battery is rated for just 250 shots per charge, and is replenished using the supplied external charger.



## Connectors

The EOS M3 sports USB and microphone sockets on one side of the camera, and a mini HDMI port on the other.

## IR remote receiver

This is compatible with Canon's RC-6 infrared release for wireless remote control.

## Hotshoe

The hotshoe accepts Canon EX-series flashguns and third-party E-TTL alternatives, as well as the EVF-DC1 viewfinder.

## Customisable controls

The top-plate M.Fn button, the video record button and the down key on the D-pad can all have their functions reassigned according to the user's preference.



The 18-55mm kit zoom has very effective IS – this was handheld at 1/6sec

and it works just fine. In low light the opposite problem appears, as the screen doesn't adjust down in brightness, making images look brighter than they really are. Unfortunately, while Canon includes a very useful RGB histogram display to help judge correct exposure, it takes up so much space on-screen that your subject becomes difficult to see.

For those who prefer an eye-level finder, the EVF-DC1 costs £250 separately or can be bought in kits with the EOS M3. It slots onto the hotshoe, can tilt 90° upwards and has an eye sensor for automatic switchover from the LCD. The 2.36-million-dot OLED panel is sharp and detailed, and the view is a decent enough size, similar to the optical finders of high-end APS-C DSLRs.

## Build and handling

From the moment you pick up the EOS M3, it's clear that Canon has thought hard about how to make a small camera that's still pleasant to use, with the result that this is one of the nicest-handling CSCs of its type. It feels very solidly made, and the handgrip is surprisingly secure, even when shooting one-handed.

The control layout is broadly similar to mid-range EOS DSLRs. A milled metal dial around the shutter button is used to change the main exposure settings, which clicks with pleasing precision. It is supplemented by an exposure-compensation dial that fits perfectly into Canon's standard EOS control logic, taking the place of the rear dial in P, Av and Tv modes, while also allowing exposure compensation to be applied when using auto ISO in manual-exposure mode. This means that the small rear dial surrounding the D-pad is only

needed to set the shutter speed or aperture in M mode.

Other key functions, including ISO and flash mode, have their own dedicated buttons on the camera back, with the on-screen Q menu allowing access to a further range of settings. Three buttons are customisable to the user's preference, namely the top-plate M.Fn button, video record button and the down key on the D-pad. Once these are configured, there's little reason to dive into the camera's menus, but when you do, you'll find they are clearly laid out and attractively designed. Most-used settings can be stored to a useful My Menu.

Canon has also done an excellent job of integrating its touchscreen interface into the overall control system. It is fast and responsive, and is particularly good for quickly selecting a focus area while you're shooting. Crucially, though, it's always a complement to the physical controls – never a replacement.

Possibly the biggest letdown in terms of design is the lens. At a time when other manufacturers have adopted compact retractable zooms, Canon's 6cm-long 18-55mm feels outdated. The M3 is only truly pocketable with the 22mm f/2 pancake prime lens.

## Focusing

The original EOS M's Achilles' heel was undoubtedly its autofocus system. Thankfully, the EOS M3 is much improved in this regard, at least with the 18-55mm kit zoom that I used for this test. While it doesn't feel as snappy as the very best of its competitors, I found the AF to be fine for everyday shooting, at least with subjects that weren't moving too quickly. It is also capable of tracking

Canon's new 24MP sensor can resolve lots of detail, with bold and attractive colour rendition





This ISO 2500 image retains strong colour and plenty of fine detail

moving subjects to a degree, although the continuous shooting rate slows right down. Competitors such as the Samsung NX500 and Sony Alpha 6000 are much quicker.

Canon's EF and EF-S-mount DSLR lenses can be used on the M3 via the EF-EOS M-mount adapter, complete with electronic aperture control, image stabilisation and AF. In principle, the most recent STM lenses should autofocus perfectly well, but those with other types of focus motor might struggle. I tried this out with several older lenses, and while autofocus worked well enough for static subjects it was still very slow, taking a second or more to acquire focus. When a big shift of focus distance was necessary, the AF often hunted for a second or two and then gave up.

This means that, in many cases, manual focus can be quicker than autofocus. Yet while the EOS M has both magnified live view and a focus-peaking display, it stops fast lenses down automatically in bright light, which can result in inaccurate focusing. One way around this is to assign depth of field preview to the M-Fn button and hold it down during focusing, but this shouldn't be necessary.

Overall, I'd say that, while you can use your DSLR lenses on the EOS M, if you're looking for a small camera to make the most of them, the EOS 100D is still a better bet.

### Performance

When it comes to operational speed, the EOS M3 is quick enough, powering up in a second or so and responding instantly to control changes. Shot-to-shot times are a little sluggish, though, always requiring a delay of a

second or two between shots. This can get in the way of catching just the moment you want.

In terms of image quality, the 24.2MP sensor records plenty of detail, if not quite as much as others that have no low-pass filter. Metering is impressively accurate, generally doing a good job of maintaining highlight detail, and auto white balance is invariably well judged. Out-of-camera JPEGs offer pleasing, punchy colour that's maintained well at high ISO sensitivities, and I got perfectly acceptable results shooting up to ISO 6400 at least.

Canon also appears to have adjusted its JPEG processing to use much lighter luminance noise reduction. As a result, fine detail is rendered better, with little smudging of low-contrast areas such as grass or foliage, but at the penalty of higher luminance noise. Careful raw processing will, of course, give even better results.

One area where Canon sadly doesn't seem to have improved, though, is dynamic range at low ISOs. The EOS M3's sensor has relatively limited leeway for pulling up extra shadow detail from raw files, allowing just 2 or 3 stops of detail to be recovered before being swamped by noise. Cameras like the Sony Alpha 6000 and Samsung NX500 give at least 1 more stop of shadow detail.

I was also surprised to see that, while the M3 has lens-aberration correction options for vignetting and lateral chromatic aberration, unusually for a CSC it doesn't correct geometric distortion in-camera. This means that the 18-55mm's pronounced barrel distortion at wideangle remained visible in the horizons on landscape shots.

AP

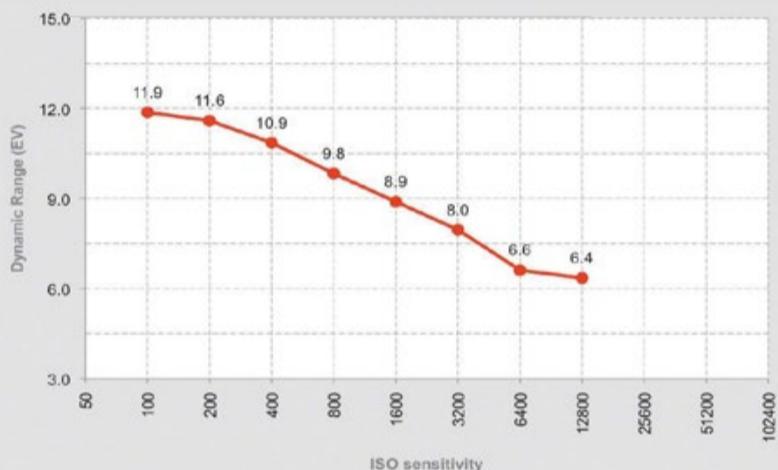
# Lab results

Andrew Sydenham's lab tests reveal just how the camera performs

THIS is the first time we've seen Canon's latest 24.2-million-pixel sensor in action, and on the whole it gives good results. Unlike some other recent high-resolution APS-C sensors, it still uses an anti-aliasing filter, so it doesn't reach the same heights of resolution, but equally it's less prone to artefacts. Noise performance is pretty good, and even ISO 6400 is quite usable, especially if you're prepared to process from raw. The in-camera processing does a good job of maintaining its vibrant colour output as the ISO is increased too.

The one area where Canon still lags behind the best in class is dynamic range – don't expect to be able to push shadows very far without seeing noise. However, on a more positive note we've seen no signs of banding when making adjustments in post-processing, which has been a problem with some Canon cameras in the past.

### Dynamic range



At ISO 100 the EOS M3 gives a dynamic range of 11.9EV in our Applied Imaging tests. This is a little way off the best of its peers, and means that it allows less shadow detail to be recovered from raw files in comparison. Dynamic range falls only a little on increasing the sensitivity to ISO 400, but after that it drops monotonously, to around 8EV at ISO 3200. The higher ISO sensitivities give very low readings, indicating that most shadow detail will be swamped by noise.

### Resolution



At ISO 100 the EOS M3 resolves around 3000l/ph, which is much what we'd expect from a 24MP sensor with a low-pass filter. Detail is smoothly blurred beyond this point, with no visible moiré or aliasing artefacts. There's little loss of resolution due to noise at sensitivities up to ISO 800, and it's only at ISO 1600 that it drops to about 2800l/ph. It doesn't drop too much further at the highest settings, with about 2600l/ph achieved at ISO 6400, and 2400l/ph at ISO 12,800.



Our cameras and lenses are tested using the industry-standard Image Engineering IQ-Analyser software. Visit [www.image-engineering.de](http://www.image-engineering.de) for more details

## Noise

Both raw and JPEG images taken from our diorama scene are captured at the full range of ISO settings. The camera is placed in its default setting for JPEG images. Raw images are sharpened and noise reduction applied, to strike the best balance between resolution and noise.

JPEG ISO 100



JPEG ISO 1600



JPEG ISO 6400



JPEG ISO 400



JPEG ISO 3200



JPEG ISO 12,800



With its new 24.2MP sensor, the EOS M3 delivers really nice results at low ISOs, with plenty of detail and little visible noise. At ISO 400 noise starts to become visible at the pixel level, but it's unlikely to have much impact even on a large print (A3 or 12 x 18in). At ISO 800 shadow detail begins to block up in the camera's JPEGs, and the raw files indicate that noise is now becoming very visible. Even so, JPEG files remain very usable to ISO 3200 at least, although beyond this low-frequency chroma noise can become visible in shadow areas. Processing from raw with optimised noise reduction generally gives better results, and ISO 6400 can give quite acceptable images. However, higher ISO images are very noisy indeed and should only be used when necessary.

## The competition



### Samsung NX500

**Sensor** 28MP, APS-C BSI-CMOS

**Price** £600 with 16-50mm lens

Samsung's NX500 places the hugely impressive sensor we first saw in the NX1 into a more compact body. It's a very impressive camera with excellent autofocus and 4K movie recording. However, there's no option to add an EVF.

### Sony Alpha 6000

**Sensor** 24MP CMOS

**Price** £530 with 16-50mm lens

With a built-in electronic viewfinder, on-chip phase-detection autofocus and 11fps continuous shooting, the Alpha 6000 is one of the most capable compact system cameras on the market. At the current price it's a bargain.

### Olympus Pen E-PL7

**Sensor** 16MP, Four Thirds CMOS

**Price** £470 with 14-42mm lens

Olympus's retro-styled compact system camera takes all the best features from the popular OM-D range and places them in a more compact body. It's fully compatible with the extensive Micro Four Thirds lens range too.

## Our verdict

OVERALL, there's a lot to like about the Canon EOS M3. It is compact, well made and handles well, with a sensibly thought-out control layout and well-designed grip. Crucially, autofocus speed is much improved on earlier Canon EOS M models, to the extent that I never found it to be a problem while shooting with the 18-55mm kit zoom. Unfortunately, though, it's still very slow with most EF lenses via Canon's mount adapter, which means that you'll get best performance using the four EF-M lenses so far available.

There's not much to complain about with respect to image quality, with the new 24.2MP sensor giving highly detailed images at low ISOs and impressively low noise at high ISO settings. Indeed, the main disappointment is that Canon hasn't improved its low ISO dynamic range, so you can't dig as much detail out of the shadows when shooting raw as you can get from its APS-C competitors.

In other regards, though, it is difficult not to feel just a little

short-changed by the M3. With its relatively slow burst speed and meagre raw buffer it can't match the impressive performance achieved by CSCs of other brands, almost as if Canon has deliberately designed the M3 not to compete with its own DSLRs for speed. The relatively bulky kit zoom also makes the combination less portable compared to modern collapsible zooms, although its image quality is very good.

Overall, while the EOS M3 is a vastly better camera than the EOS M ever was, it's difficult not to conclude that you can get a lot more for your £600 from cameras like the Sony Alpha 6000 or Samsung NX500 – especially when you take into account the limited lens range available for the M3. This isn't to say it's a bad camera, as I think many photographers will like it, but to me it's a near-miss rather than a hit. Add an EVF, speed things up, and Canon could have a serious contender on its hands. Right now, though, the M3 feels a generation behind the state of the art.



FEATURES	<b>7/10</b>
BUILD & HANDLING	<b>8/10</b>
METERING	<b>8/10</b>
AUTOFOCUS	<b>8/10</b>
AWB & COLOUR	<b>8/10</b>
DYNAMIC RANGE	<b>7/10</b>
IMAGE QUALITY	<b>8/10</b>
VIEWFINDER/LCD	<b>8/10</b>



# Subscribe and

# SAVE UP TO 36%



[amateurphotographersubs.co.uk/15G](http://amateurphotographersubs.co.uk/15G)



Complete the  
coupon opposite

THE DIRECT DEBIT GUARANTEE • This Guarantee is offered by all banks and building societies that accept instructions to pay Direct Debits • If there are any changes to the amount, date or frequency of your Direct Debit Time Inc. (UK) Ltd. will notify you 10 working days in advance of your account being debited or as otherwise agreed. If you request Time Inc. (UK) Ltd. to collect a payment, confirmation of the amount and date will be given to you at the time of the request • If an error is made in the payment of your Direct Debit, by Time Inc. (UK) Ltd. or your bank or building society you are entitled to a full and immediate refund of the amount paid from your bank or building society – If you receive a refund you are not entitled to, you must pay it back when Time Inc. (UK) Ltd. asks you to • You can cancel a Direct Debit at any time by simply contacting your bank or building society. Written confirmation may be required. Please also notify us.

# WE'LL COVER YOUR PHOTOGRAPHY EQUIPMENT AGAINST LIFE'S NEGATIVES



## Insure your camera and accessories today against theft and accidental damage

Our flexible cover allows you to build your policy to meet your needs. Cover includes:

- Options for up to £25k worth of cover
- Up to £1m optional Public Liability cover
- The option to protect your equipment when it is in your vehicle
- A choice of UK, EU and Worldwide cover
- Up to £1k worth of equipment hire whilst waiting on replacement in the event of a claim

**Amateur  
Photographer  
Insurance Services**

**Call now 0844 249 1902**  
Mon to Fri 9am to 6pm

**or visit [www.amateurphotographerinsurance.co.uk](http://www.amateurphotographerinsurance.co.uk)**



# Tamron SP 15-30mm f/2.8 Di VC USD

Tamron's latest wideangle zoom lens combines a fast and constant f/2.8 maximum aperture with optical stabilisation. **Michael Topham** puts it to the test to find out if it's perfect in every way

**L**ATE last year, while attending the Photokina trade show, I got my hands on the very first sample of Tamron's new wideangle zoom – the SP 15-30mm f/2.8 Di VC USD. At the time, I questioned how well this model would sit in an already crowded wideangle lens market. However, I was told that it is different to what we've seen before in that it's the first wideangle zoom with a constant f/2.8 aperture and is equipped with optical stabilisation. Although Canon and Nikon both produce excellent

variations of wideangle zooms with optical stabilisation, in the form of the Canon EF 16-35mm f/4L IS USM and Nikon AF-S Nikkor 16-35mm f/4G ED VR, neither of these shoots at f/2.8 like the new Tamron. Even if you were to look at the more expensive Canon EF 16-35mm f/2.8L II USM or Nikon AF-S Nikkor 14-24mm f/2.8G ED, you'd find that neither of these supports optical stabilisation. What we have here, then, is a lens that's been designed to bring all the best features a photographer could ever want from a wideangle zoom lens



together in one model. The question is, does it live up to the promise of being the ultimate wideangle solution for serious photographers?

## Features

Before delving into the technical details of the construction, it should be noted that while primarily designed for use with full-frame cameras, the Tamron SP 15-30mm f/2.8 Di VC USD is a lens that's suitable for use on APS-C models too. Take the



Opening the lens to f/2.8 helps to blur background subjects and presents an opportunity to experiment with depth of field

► multiplication factor of an APS-C camera into consideration and this lens becomes more of a standard zoom than a wideangle, with a 22.5–45mm equivalent range. Based on the fact most people will be looking at this lens for its wideangle benefit, I will be testing it coupled to a Canon EOS 5D Mark III full-frame DSLR, with which it provides a 110°32'-71°35' angle of view.

The Tamron 15–30mm f/2.8 employs an 18-elements-in-13 groups arrangement and includes an expanded glass moulded aspherical element within the front group – the first of its kind to be found in a Tamron lens. Its purpose is to control aberrations effectively and enhance sharpness, while working in tandem with several low-dispersion glass elements. To protect the lens from unwanted reflections and ghosting, Tamron has used special eBAND nano-structured coatings, and just as we've come to expect from the manufacturer, this lens is equipped with an Ultrasonic Silent Drive (USD) motor to ensure autofocus operation is as quiet and as accurate as possible. Although the minimum focus distance won't be a deal breaker for the type of architectural, interior and landscape photographers this lens is aimed to target, it's possible to focus within 28cm (11in) of a subject, which is the same distance quoted by Canon and Nikon's wideangle zooms with an f/2.8 aperture.

Although some photographers may question the benefit optical stabilisation brings to a zoom so wide and to a lens that will be frequently coupled to a camera mounted to a tripod, it remains one of the key selling points. For those who prefer to work handheld or anyone using their camera in an environment

where a tripod or monopod can't be used, the optical stabilisation could make all the difference between capturing a pin-sharp shot rather than a blurred one.

Tamron has decided against specifying the rated number of stops the VC system is effective to, but out in the field I experienced no difficulty shooting sharp images with slow shutter speeds, and with the camera braced against my body I was able to achieve sharp shots with a shutter speed as slow as 1/2sec set to its widest 15mm setting.



Focus speeds are hasty and in scenes with strong contrast it doesn't delay at locking onto a subject

## 'The additional weight contributes to a solid feel'

### Build and handling

Pictures of a lens don't always give the best impression of its size, and it's only when you pick this lens up that you become aware of how chunky it really is. Compared to Nikon's AF-S Nikkor 14–24mm f/2.8G ED, it's 130g heavier and there's a substantial 465g difference compared with Canon's relatively lightweight EF 16–35mm f/2.8L II USM. The additional weight contributes to a solid feel, though, and despite plastic being used in the construction of the barrel it feels up to the task of shaking off any occasional knocks that can occur in the field. Everything from its well-grooved rubberised zoom and focus rings to its permanently attached lens hood feel well put together, helping to radiate a build quality that feels on a par with its closest rivals.

The zoom functions across its range in less than a quarter of a turn of the zoom ring for fast operation, despite the fact it has more resistance than the manual-focus ring, which operates more fluidly and requires less effort to rotate it. As for the buttons, they sit quite flush to the barrel with only a slight protrusion.

From behind the camera and with my left hand supporting the lens beneath, the vibration-compensation switch falls to the thumb nicely, but the same can't be said for the AF/MF switch that's positioned higher and requires a good stretch of your thumb around the barrel to reach it. On numerous occasions during testing I found myself having to pull my eye away from the viewfinder to find the AF/MF switch when all I wanted was to find it

Handheld at 1/10sec



With Vibration Compensation



Without Vibration Compensation

The role the Vibration Compensation system plays is clearly illustrated here in a shot taken at 1/10sec

quickly by feel. The way the fixed petal hood protrudes beyond the bulbous front element offers excellent protection from knocks and scrapes. The felt-lined lens cap also provides further protection and is the push-fit type as opposed to the more traditional pinch-style.

#### Image quality

For a lens that has a price tag approaching four figures you'd want a first-class image-quality performance in return. The good news is this is exactly what you get, and the results from our testing – both out in the field and back in the lab – suggest Tamron's engineers have worked hard to ensure it is the very best lens it can be.

Opening the lens to its f/2.8 maximum aperture reveals a drop off in sharpness in the corners, but by the time the aperture is stopped down to f/5-5.6 edges start to appear much sharper, with the ultimate sweet spot found between f/8 and f/11 at 15mm. At f/16 diffraction does begin to blur the image a little and becomes more pronounced at f/22. In the middle of the zoom range (24mm), sharpness levels are high between f/5.6 and f/11, while at the 30mm end I discovered an aperture setting of f/11 delivered the best results.

For a lens so wide and so fast, I expected vignetting to be a major concern. Thankfully, it's not as obstructive as I'd envisaged, and although it must be noted that corner shading is evident between f/2.8 and f/4.5 at its widest focal length, it gradually disperses as the aperture is closed towards f/5 and isn't as prominent at the middle or longer end of the focal length.

An inspection along high-contrast edges where aberrations can appear revealed traces of purple and green fringing. However, this was only obvious when an image was viewed at 100% or closer and isn't intrusively obvious in general viewing. There is evidence of barrel distortion at 15mm, while at 30mm straight lines also appear to bow outwards, indicating some pincushion distortion.

AP



#### Data file

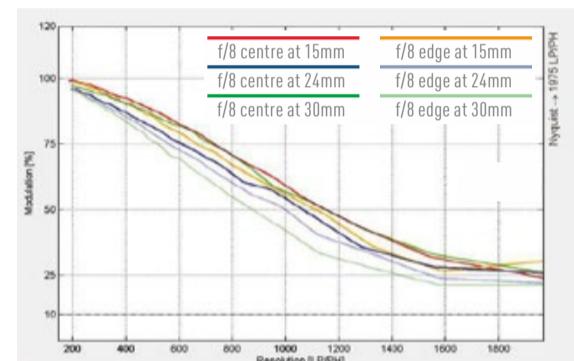
**Price** £950  
**Filter diameter** N/A  
**Lens elements** 18  
**Groups** 11  
**Diaphragm blades** 9  
**Aperture** f/2.8  
**Minimum focus** 28cm  
**Length** 145mm  
**Diameter** 98.4mm  
**Weight** 1,100g  
**Lens mount** Canon, Nikon, Sony

**Amateur  
Photographer**  
Testbench  
Recommended  
★★★★★

## Tamron SP 15-30mm f/2.8 Di VC USD

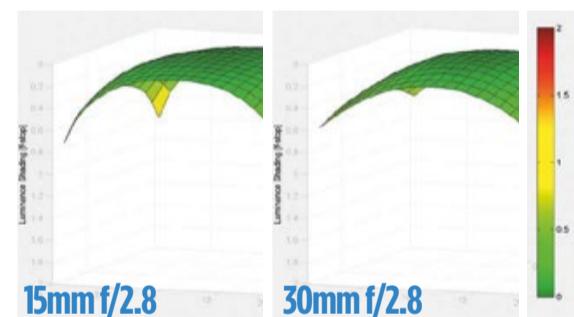
### Resolution

The best centre and corner sharpness is at f/8-11. Use the lens at its maximum aperture set to its widest focal length and you'll quickly realise the corners appear softer than the centre. Diffraction starts to have an effect on sharpness at f/16 and beyond, so for the finest results users will want to use it between f/5.6 and f/11 unless circumstances or a low-light environment dictates otherwise.



### Shading

Our graphs indicate that the lens shows signs of most vignetting when it's used at f/2.8 at 15mm. Closing the aperture by a couple of stops removes it completely. Vignetting is controlled slightly better as you push through the zoom range and you'll only need to close the lens by a stop (f/4) between 24mm and 30mm to see a big difference.



### Curvilinear distortion

Barrel distortion is evident at 15mm, and if you study the results below closely you'll notice straight lines have a tendency to bow in towards the edge. As the zoom is extended towards 24mm barrel distortion becomes less distinct, but our chart did reveal some pincushion distortion at 30mm with horizontal lines bowing out at the edge.

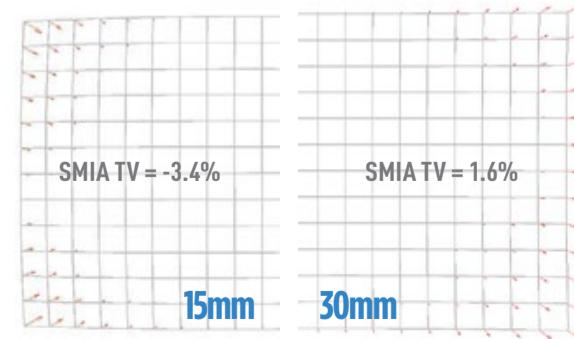




Image: Michael O'Sullivan



## Print images the way they deserve to be!

"PermaJet paper is always a good price, top quality, and importantly it arrives on time! I am able to order online with the confidence that I will not be let down."  
Photographer Louise Mason

**See the world's best smooth, textured, fine art and essential collections of digital photo paper on [www.PermaJet.com](http://www.PermaJet.com)**

**PermaJet**  
PROFESSIONAL INKJET MEDIA



Follow us @PermaJet for the latest updates

# Technical Support

• EXPERT ADVICE • TIPS • TRICKS • HACKS • KNOW-HOW

## Superzoom quality

**Q** I would like to buy an 18-200mm lens to replace the 18-55mm that came with my Canon EOS 100D. I am really looking for a better zoom for bike shots, but I'd rather have one do-it-all lens than have to carry two, which is a pain when I'm out on the bike.

I would use the lens for pictures of me and the bike in various nice places, ride-by shots and all the usual family/holiday gatherings a camera is used for. I don't have a particular budget in mind, but obviously I'd be happier paying £100 than £500, although I will pay whatever is necessary. I would also be happy to buy a second-hand model.

Ultimately, though, will the quality be better or worse than the standard 18-55mm kit lens?

**BigDan1190**

**A** The answer to your question, Dan, depends on what you mean by 'quality'. All superzoom lenses tend to behave in much the same way. They show very strong barrel distortion at wideangle, then serious pincushion distortion across most of the rest of the range. So if you like straight lines to stay

straight, they behave much worse than typical 18-55mm kit zooms.

In terms of sharpness, superzooms typically surpass kit zooms across the entire shared range. In fact, they tend to be exceptionally sharp in the middle of the zoom range, maybe 35-85mm or so. At the long end, though, they get very soft, and visibly worse than 55-250mm telezooms.

Most superzooms perform very similarly, so in terms of image quality it doesn't really matter much if you go for Tamron, Sigma or Canon – just pick the best deal you can find. Of the slightly older and less expensive models, my personal favourite is the Sigma 18-250mm f/3.5-6.3 DC OS HSM, but the Tamron 18-270mm f/3.5-6.3 Di II VC PZD isn't far behind. Both cost £250-£300. However, one advantage of buying the more expensive (£390) Canon EF-S 18-200mm f/3.5-5.6 IS is that you can download a profile for correcting lens aberrations such as distortion and vignetting from Canon's



Superzoom lenses are usually least sharp at the telephoto end of their range

website, and install it on your EOS 100D to get corrected images directly out of the camera.

Ultimately, all-in-one lenses are a compromise of convenience over technical quality. The image quality isn't quite as good as carrying two lenses covering the same range, but obviously you don't have to change lenses. In my experience, this means you're also more likely to shoot at telephoto, and therefore get a wider variety of pictures. **Andy Westlake**

## Studio flags

**Q** I recently read an old book on studio lighting that kept referring to 'flags'. I'm going to hold my hands up and say I have no idea what a 'flag' is, and the book wasn't very good as I still have no idea what a flag is. Can you explain, please? **Neil Swinn**



A flag is a black board that is used to stop light reaching a certain area

**A** A flag is simply a black board that is used to block light reaching a certain area. The term is fairly loose and flags can range hugely in size and in the material they are made from. Commonly, they are made of fabric and are attached to a frame, or in larger studios they can be polystyrene boards painted black on one side and usually left white on the other so

they can be used as a reflector. Flags soak up the light, rather than reflect it, so they can make part of a scene darker. Alternatively, they can be used strategically to prevent reflections on shiny surfaces.

**Richard Sibley**

## Firmware upgrades

**Q** I have recently seen that Sony has released a firmware update for its Alpha 7. I own an Alpha 7, but have no idea how to go about updating the firmware. To be honest, I'm a bit scared of breaking my camera as I have heard a few horror stories. Should I really attempt it myself or should I send it to Sony or somewhere else to get it sorted?

**Darren Williams**

**A** You should absolutely attempt the firmware upgrade yourself, Darren. Most manufacturers ask that you save the firmware to a memory card and install it from there. However, with Sony it is downloaded to your computer

and then installed.

You can find the firmware at [esupport.sony.com/US/p/model-home.pl?mdl=ILCE7](http://esupport.sony.com/US/p/model-home.pl?mdl=ILCE7), and if you follow the simple instructions there really is no way you will break your camera. Download it to your computer, run the software and it will guide you through the process. Basically, all you need to do is connect your camera to your computer via the Micro USB lead and the computer will install the new firmware.

The reason some people fear installing firmware is that there used to be a problem if you attempted to install it when the camera battery was about to run out. If the battery died halfway through the installation, it would often render the



# Take your photography to the next level WITH AN SPI COURSE

- Master your camera and hone your photography skills
- Study in your own time and at your own pace
- Receive detailed feedback from an expert photographer



The distance learning was very helpful to me as I cannot commit to regular days in the week. I enjoy the feedback, which is honest and fair but constructive.

Lee Hyett-Powell  
Diploma in Digital Photography

Enrol today and get a **FREE** *Complete Guide to Photography* essential pack\*

Including 164-page handbook, 2 tutorial DVDs, Essential Photo Tips Guide and lens cloth

Call **0203 148 4326** or visit **WWW.SPI-PHOTOGRAPHY-COURSES.COM**

PLEASE QUOTE AP AD WHEN PLACING YOUR ORDER \*WHILE STOCKS LAST

## Technical Support

camera useless and it would have to be sent back to the manufacturer to have the firmware installed and the camera made operable again. However, these days most cameras warn you that you need a fully charged battery, or the camera has to be connected to a power supply, otherwise it won't allow you to start the installation. Just follow the simple instructions and you will be fine.

Richard Sibley

### Tripod collar wanted

I am trying to source a tripod-mount collar to fit my Nikon AF-S DX Nikkor 55-300mm f/4.5-5.6G ED VR lens. The barrel diameter is, I believe, 76mm (3in), but I am concerned that the weight could be too much for the



Lightweight telezooms place little strain on a camera's lens mount

body-mounting flange. Nikon doesn't produce a collar to fit this lens, and I have tried Jessops, Wex, Camera World and even eBay, all to no avail. Can you help?

Reg Metcalfe LRPS

**A** The bad news is that I don't think you'll find a tripod collar for this lens, but the good news is that this is because you don't really need one, which is why Nikon doesn't make one. Your lens weighs around 530g, so it won't place enough strain on the camera body to worry about. Tripod collars are generally only used with much heavier lenses, such as the 1.5kg 70-200mm f/2.8 models. Personally, I've been using this type of lens for years without experiencing any problems at all. The main things, when shooting on a tripod with this kind of telezoom lens, are to turn off the vibration reduction and try to avoid extending the centre column very much. This should give you the sharpest pictures. **Andy Westlake**

## HOW IT WORKS

I am your

### Semi-silvered mirror

I HAVE been a vital feature of many single-lens reflex cameras since long before the digital age, but I am now more important than ever, not just with all DSLRs but also with Sony SLT (single-lens translucent) digital cameras.

I am a semi-silvered mirror.

A mirror is a reflective surface, with the reflective part usually formed from a very thin layer of metal. With SLRs it's the reflex mirror that can have semi-silvered areas. By reducing the thickness of a silvered or metal-layered area on the mirror, a percentage of the light is not reflected up into the pentaprism and into the viewfinder. This enables the unreflected portion to be diverted down, beneath the mirror to a dedicated sensor for autofocus.

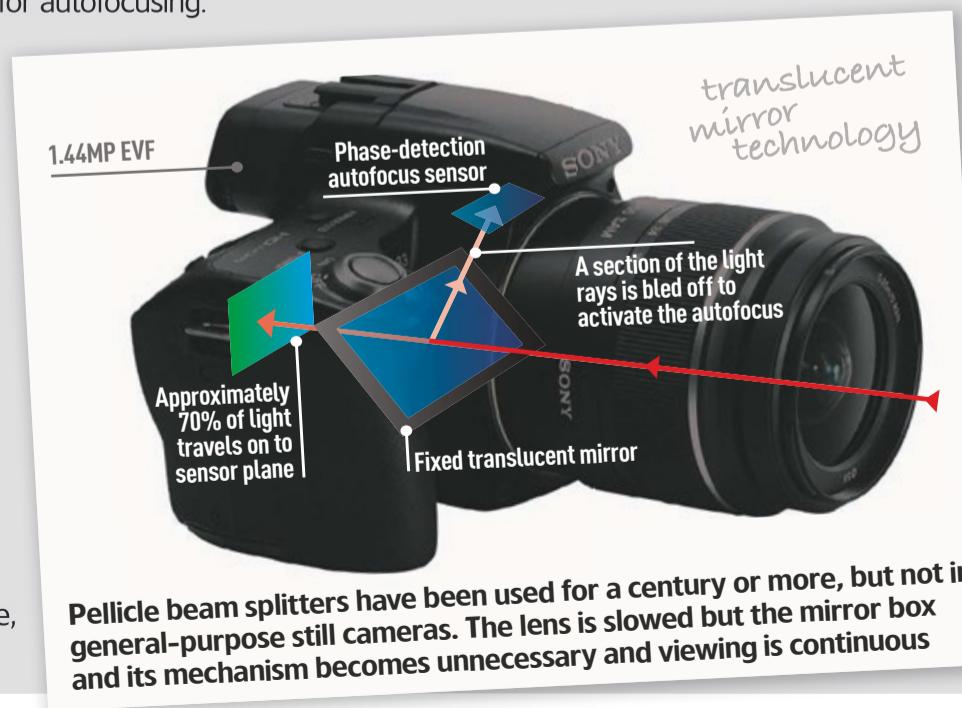
In the case of SLT cameras, the majority of the light passes straight through the mirror and, when the shutter is open, onto the sensor. The remainder is diverted upwards, to an autofocus sensor within the viewfinder housing.

A key advantage of SLT cameras is that as the mirror doesn't flip up and down between exposures, so the metering and focusing sensors can continue their work while exposures are being made with no interruption. At the same time, the viewfinder view also

remains constant. With reduced mechanical complexity there is less vibration and mechanical noise, and you can increase the sequential shooting rate of the shutter.

The idea of a fixed semi-silvered mirror is not new. Canon, for example, was using the idea in the 1960s with some of its professional Pellix SLRs.

A semi-silvered mirror sounds perfect, but there is one key weakness. If you divert some of the light coming from the lens, then the brightness either to the viewfinder or the metering or focus sensors – or even the image sensor, in the case of SLT cameras – is compromised. Nevertheless, the use of semi-silvered mirrors has been a great success in SLRs, DSLRs and SLT-type reflex cameras.



BLAST FROM THE PAST

### Minolta Dimage A1

**Ian Burley** looks at the last major camera launched by Minolta

LAUNCHED September 2003

PRICE AT LAUNCH £799

GUIDE PRICE TODAY £50

MINOLTA'S Dimage A1 was the last major camera launch made by Minolta before the company merged with Konica to form Konica Minolta. The A1 was also a pioneer of sensor-shift image stabilisation. A development of the Dimage 7 series first revealed two and a half years earlier, the Dimage A1 swapped AA batteries for a Lithium-ion rechargeable battery, but it retained its predecessor's 5MP  $\frac{2}{3}$ in CCD sensor.

**What's good** The A1 has a decent fixed zoom lens with an equivalent 28-200mm f/2.8-3.5 zoom/maximum aperture range and a manual-focus control that works nicely. The camera is good to hold, and you also get an electronic viewfinder with 220,000 dots. Both the viewfinder and small rear LCD tilt.

**What's bad** The electronic viewfinder wasn't particularly pleasant to view as it suffered from flicker and lag. Shutter lag was also disappointing and many reported problems with periodic autofocus reliability.



# Japanese refinement

## Introducing the new fit + slim range from Marumi

The new Fit + Slim range of filters from Marumi boast a lightweight, ultra-thin frame that still enables the user to attach a lens cap securely, thanks to the newly developed high-pressure press method.

Manufactured in Japan, the Fit + Slim range is available as a Lens Protect filter, Circular PL filter and UV filter. These Eco-friendly filters are made of lead free materials with multi coating glass and satin finished frames for ultra low reflection.

For further technical information please visit [www.kenro.co.uk](http://www.kenro.co.uk)



## MARUMI



Supplying the photographic industry for over 40 years

Kenro Ltd, Greenbridge Road, Swindon, SN3 3LH  
t: 01793 615836 f: 01793 530108 e: [sales@kenro.co.uk](mailto:sales@kenro.co.uk)

www.kenro.co.uk  
Follow us on Twitter  
Like us on Facebook



## UKPHOTODISTRO PRODUCT LINE-UP

UKPhotodistro Limited are an authorised retail outlet and have all SIRUI products available to them for immediate delivery



Now Only £89.99

SIRUI T-005 tripods have a compact size - only 30cm when folded, making them 20-30% smaller than other similar style tripods. There's always room for one of these wonders in your bag.

SIRUI P-S Series Photo/Video monopods have a patented 360 panning hand grip that provides smooth pro level panning effects.



Now Only £44.99

From £129.99

SIRUI Carbon Fibre Gimbal Head is ideal when using large, heavy camera and lens combinations.

Now Only £399.99

SIRUI Lens Rails are specifically designed to stabilise the camera with long lenses.

Now Only £79.99

### XTreme Tether Combines Multiple Products & Features

- Remote wireless camera triggering
- Wireless delete files from card in camera
- Wireless viewing of files/folders on the card in camera
- Wireless motorized panning and tilting of your DSLR camera
- Wireless upload of pictures from camera automatically to your device (MAC,iPad etc), while you shoot
- Wireless monitoring of your cameras view finder (live wireless video stream of your cameras video finder)
- Wireless upload of any file (images or movie) from card in camera to your device (iPad, MAC etc)
- Wireless changing of camera setting (ISO, White Balance, Flash settings, Drive mode, shutter speed, aperture etc)
- Wireless intervalometer for timelapse, HDR, image stacking and much, much more - see website

[www.ukphotodistro.co.uk](http://www.ukphotodistro.co.uk) 0845 287 0710

SALE ITEM SAVE

£30 Now Only £159.99

All prices shown include VAT and U.K. mainland delivery



This is a very small selection of our range - please see the website

### Trigmaster Plus II

Trigmaster Plus II is a transmitter and receiver system built into one pocket-sized unit. It uses a common 2.4G signal to trigger strobes, speedlites and cameras. It also has zone control, 1/320s sync speed, normal range of 500 meters, extended range of 1,000m in relay mode, 6 channels, and more. Whatever your triggering needs, you can easily master them with Trigmaster Plus II.



### Zip/Magnet Photographers Gloves



The new style gloves for photographers - soft shell with a zipper pocket on the back of the left hand to hold a memory card. Fleece lined with camera bag fashionable has flip back index finger and design,waterproof. thumb caps which are held down with small magnets. A printed for all of your gear silicone palm provides grip so you have a good grip of your kit.



Now Only £44.99

### Canvas Bag

Only £29.99



### Marsace MTF-3 Replacement Rock Claw Tripod Feet

- Compatible with all Marsace Tripods & Monopods, as well as Gitzo Series and others
- Suitable for Rocks and irregular surfaces use
- 3 x Unique Design Rock Claw Foot
- Threaded 3/8"-16
- CNC Machined 304 Stainless Steel Material



Only £49.99

Steady, bright and uniform light. Six modes, full brightness or left/right side, either continuous light or as a flash.

### Magnum Speedlight MG-68

An exciting new flash gun with a variety of features. It has a 4 seconds recycle time, an external power port which enables 2 seconds flash recycle, precise brightness control, 3 different flash modes, optical sensor, power saving mode, PC sync port and more.



Only £54.99

Charged at National Rate

## PHOTO HACKS

# Lens cap keeper

If you often misplace your lens cap, then a small blob of Sugru can help

USUALLY I put my lens caps in my back pocket, or my front pocket, sometimes my coat pocket, or in my bag. You get the idea. Before too long the lens cap is nowhere to be seen, before it eventually shows up, seemingly out of nowhere.

There are a few ways to make sure that your lens cap never strays too far, but this DIY solution is one of the neatest. All you need is some Sugru, a piece of string and something to use to make a small hole. As you won't be using a lot of Sugru, this is the ideal little project if you have a small blob of it left over from our other recent projects. If you have missed these projects, then Sugru is a mouldable rubber that sticks hard to surfaces. For more information, or to find a stockist, visit [www.sugru.com](http://www.sugru.com).

## HOW TO MAKE YOUR LENS CAP KEEPER



### 1 Make a ball

Take a small lump of Sugru and roll it into a ball around 1cm in diameter. Now press the ball onto the lens cap you wish to keep in place. We have used yellow Sugru so it shows up clearly, but black may be a neater choice for a more professional look.

### 2 Make a hole

Leave the Sugru a minute or two so that it settles and then pierce the ball straight through one side and out the other. I have used the inside of a ballpoint pen for this. With the hole made, smooth any imperfections in the surface of the Sugru with a slightly damp finger.

### 3 Thread the string

After around 24 hours the Sugru should set solid and be completely stuck to the lens cap. Now you can thread your string through the Sugru lump. Tie the other end of the string to the camera-strap buckle on the camera. A more advanced version would be to use the keyring loop on the camera strap lugs to make it easy to remove when changing lenses.



### What you will need

- Pack of Sugru
- A skewer or the inside of a ballpoint pen
- String



The latest photography kit and technique at your fingertips

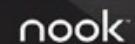
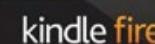


More great pictures  
More technique  
More opinion  
More inspiration

- Download online, enjoy offline
- Buy from the comfort of your own home
- Available the day the magazine goes on sale
- Missed an issue? Simply download a back copy

### Try it today

[www.amateurphotographer.co.uk/digital-edition](http://www.amateurphotographer.co.uk/digital-edition)



# Marketplace

## Dealer and Classified Guide

To advertise please call 020 3148 2508

Email [leshna.patel@timeinc.com](mailto:leshna.patel@timeinc.com)

### Index to advertisers

Arrowfile (Flash Foto) .....	86
Cambrian Photography .....	78
Cameraworld .....	72-73
Camera Jungle .....	84
Campkins .....	81
Camtech .....	61
Castle Cameras .....	17
Chiswick Camera Centre .....	79
Clifton Cameras .....	9
Dale Photographic Ltd .....	82
Digital Depot (C&B 2008 Ltd) .....	64-65

Ffordes Photographic Ltd .....	70-71
Grays of Westminster .....	26-27, 81
Jonathan Chritchley Photography .....	85
Just Ltd .....	78
Kenro Ltd .....	58
LCE Group .....	83
Mathers .....	69
Mifsub Photographic .....	74-75
Park Cameras Ltd .....	62-63, Cover: iii

Premier Ink & Photographic .....

Richard Caplan .....

Samsung Electronics UK Ltd .....

Sigma Imaging .....

Cover: iv

Special Auction Services .....

80

SRS Ltd .....

60

The Imaging Warehouse .....

54

UK Photodistro Ltd .....

58

Wex Photographic .....

66-68

**Classified .....**

**87-89**



**SRS Microsystems**

[www.srsmicrosystems.co.uk](http://www.srsmicrosystems.co.uk)

Mail Order Hot Line 01923 226602

**PENTAX**  
**K-3**



Weather resistant body with 92 protection seals  
24 MP stabilised AA filter-less CMOS sensor  
Full HD recording with 60/30 fps frame rate  
Continuous shooting 8.3 fps up to 60 JPEG and 23 RAW  
SAFOX 11 AF module with 27 AF points (25 cross)  
86000 pixels RGB exposure meter  
Sensitivity up to 51200 ISO  
Dual SD card slot

£70 Cashback available with every K3 Purchase



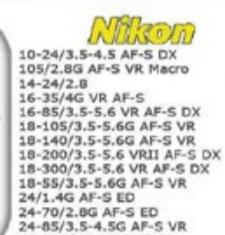
**Nikon**  
**D4S**  
**D810**

**IN STOCK**



**Nikon**  
**D750**

**IN STOCK**



**Nikon**  
**D5200**  
**D3200**

**From £429**  
**From £279**



**From £899**



**From £549**



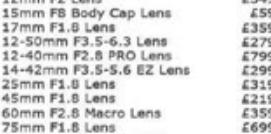
**From £499**



**From £349**



**From £349**



**From £499**



**OLYMPUS**  
**M Zuiko**  
**40-150mm f/2.8**

**Pre Order From £1,299**

Other Brands we stock

**VANGUARD**

**CRUMPLER**

**Cactus**

**JOBY**

**PocketWizard**

**SanDisk**

**Lexar**

**MINOX**

**Manfrotto**

**BLACKRAPID**

**Lastolite**  
professional

**Lowepro**

**GoPro**

Be a HERO.

E&OE

90-92 THE PARADE, HIGH STREET, WATFORD, HERTS. WD17 1AW

WANT TO UPGRADE?



We buy digital SLR lenses & cameras!

Call or email us for a price today

**PENTAX**

**SIGMA**

DA* 16-50mm F2.8 ED SDM	£819	8-16/4.5-5.6 DC HSM	£499
DA* 50-135mm F2.8 ED SDM	£849	10-20/4-5.6 EX DC HSM	£349
DA* 55mm F1.4 ED SDM	£599	10-20/3.5 EX DC HSM	£389
DA* 60-250mm F4 ED SDM	£1069	12-24/4.5-5.6 II DG HSM	£579
DA* 200mm F2.8 ED SDM	£745	17-50/2.8 EX DC OS HSM	£299
DA* 300mm F4 ED SDM	£949	17-70/2.8-4.5 DC OS 'C'	£329
HD DA 15mm F4 Limited	£479	18-35/1.8 DC HSM 'A'	£649
HD DA 20-40mm F2.8-4 DC WR	£739	18-200/3.5-6.3 DC Macro OS HSM 'C'	£269
HD DA 21mm F3.2 Limited	£449	19-250/3.5-6.3 DC Macro OS HSM	£299
HD DA 35mm F2.8 Macro Limited	£519	24-70/2.8 IF EX DG HSM	£599
HD DA 40mm F2.8 Limited	£349	24-105/4 DC OS HSM 'A'	£689
HD DA 70mm F2.4 Limited	£499	30/1.4 DC HSM 'A'	£369
HD DA 55-300mm F4-5.8 WR	£359	35/1.4 DC HSM 'A'	£649
HD DA 560mm F5.6 AW	£4299	50/1.4 EX DG HSM	£329
HD DA 1.4x Rear Converter	£379	50/2.8 Macro EX DG	£249
10-17mm F3.5-4.5 Fisheye	£329	50-150/2.8 APO EX DC OS HSM	£729
12-24mm F4 Lens	£739	50-500/4.5-6.3 DG OS HSM	£999
17-70mm F4 SDM	£449	70-200/2.8 EX DG OS HSM	£799
18-270mm F3.5-6.3 SDM	£419	70-300/4-5.6 DC Macro	£99
35mm F2.4	£119	70/2.8 EX DG Macro	£349
50mm F1.8	£115	85/1.4 EX DG HSM	£669
50mm F2.8 Macro	£299	105/2.8 EX Macro DG OS HSM	£379
100mm F2.8 WR Macro	£439	120-400/2.8 EX DG OS HSM	£619
FA 31mm F1.8 Limited	£1029	150/2.8 APO Macro DG OS HSM	£699
FA 35mm F2	£399	150-500/5.6-6.3 APO DG OS	£729
FA 43mm F1.9 Limited	£599	180/2.8 APO Macro DG OS HSM	£1199
FA 50mm F1.4	£299	EF 610 DG Flash	£89
FA 77mm F1.8 Limited	£749	EF 610 DG Super Flash	£139



## Digital Photography

CANON EOS 5D MK II COMP WITH ALL ACCESSORIES	MINT-BOXED £845.00
CANON EOS 5D BODY WITH BATT & CHARGER	EXC+++ £325.00
CANON EOS 30D BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £129.00
CANON EOS 30D BODY COMPLETE WITH ALL ACCESS	MINT BOXED £165.00
CANON EOS 350D BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £95.00
CANON EOS 400D + GRIP WITH NI-CAD BATT + CHGR	EXC+++ £155.00
CANON EOS 500D & GRIP VERY Little USE AS NEW	MINT BOXED £179.00
CANON EOS 1000D BODY WITH CANON 18-55 LENS	MINT £175.00
CANON POWERSHOT G10 COMPLETE	MINT-BOXED £145.00
CANON POWERSHOT G12 COMPLETE	MINT-BOXED £185.00
CANON POWERSHOT G1X COMPLETE	MINT-BOXED £265.00
CANON 430 EX MK II TOTALLY AS NEW	MINT BOXED £149.00
CANON 550 EX SPEEDLITE	EXC+++ BOXED £145.00
CANON 550 EX SPEEDLITE	MINT-BOXED £179.00
CANON 550 EX SPEEDLITE	MINT-BOXED £179.00
CANON 580 EX SPEEDLITE	EXC+++ £80.00
CANON 580 EX SPEEDLITE	MINT-BOXED £199.00
CANON 580 EX MKII SPEEDLITE	MINT CASED £225.00
CANON 580 EX MKII SPEEDLITE	MINT-BOXED £265.00
CANON MR-14EX MACROLITE	MINT-BOXED £299.00
CANON CP-E4 POWER PACK FOR MR14/580/580MKII etc	MINT BOXED £99.00
CANON SB-11 SPEEDLITE L BRACKET	MINT BOXED £99.00
CANON WFT-E1 WIRELESS FILE TRANSMITTER	MINT-BOXED £275.00
SIGMA EM-140 DG EO-ETTL MK II MACRO FLASH	MINT-BOXED £199.00
CANON BG-E1 BATT GRIP FOR EOS 300D	MINT-BOXED £35.00
CANON BG-E2 GRIP FOR EOS 20/30/40	MINT £49.00
CANON BG-E3 BATT GRIP FOR EOS 350D/400D	MINT-BOXED £39.00
CANON BG-E7 BATT GRIP FOR EOS 7D	MINT-BOXED £69.00
FUJI S5 PRO COMPLETE WITH ALL ACCESSORIES	MINT-BOXED £295.00
Nikon D4 BODY COMPLETE ONLY 8800 ACTUATIONS	MINT BOXED £295.00
Nikon D7000 BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £345.00
Nikon D5100 BODY COMPLETE WITH ALL ACCESS	MINT BOXED £225.00
Nikon D3100 BODY WITH NIKON 18-55 VR L + CHARGER	MINT-BOXED £225.00
Nikon D300 BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £299.00
Nikon D80 BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £165.00
Nikon D80 BODY COMPLETE WITH ACCESS	EXC+++ £145.00
Nikon D70 WITH NIKON 18 - 70 AF-S LENS COMPLETE	MINT-BOXED £225.00
Nikon D70 BODY WITH BATTERY AND CHARGER	MINT-BOXED £95.00
Nikon MB-D10 BATTERY GRIP FOR D300/300S/700	EXC++ BOXED £79.00
Nikon MB-D80 BATT GRIP FOR NIKON D80/90	EXC+++ £49.00
Nikon SB50 DX SPEEDLIGHT COMPLETE	MINT-BOXED £59.00
Nikon SB600 SPEEDLIGHT	MINT-BOXED £169.00
Nikon SB800 SPEEDLIGHT	MINT-BOXED AS NEW £195.00
Nikon SB900 SPEEDLIGHT COMPLETE	MINT-BOXED £199.00
Nikon R1C1 CLOSE UP SPEEDLIGHT COMMANDER KIT	MINT-BOXED £445.00
Metz 45 CL4 DIGITAL FLASH FOR NIKON	MINT- £195.00
Nikon MH-1 Multi-CHARGER FOR NIKON D700 etc	MINT-BOXED £75.00
Sigma EF-530 DG ST ELECTRONIC FLASH (t) NIKON FIT	MINT-BOXED £75.00
Nikon SC 29 TTL REMOTE CORD	MINT-BOXED £35.00
Nikon MC 36 REMOTE CONTROL	MINT-BOXED £79.00
Olympus OM-D-M10 WITH 14-42 ZUIKO LENS + CHARGER	MINT £369.00
Olympus E-P1 12mp + 14-42 LENS AND LEATHER CASE	MINT-BOXED £149.00
Olympus E-PL5 WITH 14-42 LENS COMPLETE	MINT-BOXED £199.00
Sigma 10-20mm f/4.5/6.3 DC HSM EX HSYM 43rd	MINT-BOXED £245.00
Olympus 50mm f/2 MACRO ZUIKO DIGITAL ED 4/3rd	MINT CASED £365.00
Olympus 12 - 60mm 2.8/4.0 SWD ZUIKO DIG ED 4/3rd	MINT CASED £445.00
Olympus 14 - 45mm 3.5/5.6 ZUIKO DIGITAL 4/3rd LENS	MINT+HOOD £99.00
Olympus 70 - 300mm 14/5.6 ZUIKO DIGITAL ED 4/3rd	MINT £225.00
Olympus EC-20 TELECONVERTER FOR 4/3rd	MINT CASED £245.00
Olympus EX - 25 EXTENSION TUBE 25mm	MINT CASED £95.00
Olympus HLD-4 BATTERY GRIP FOR E3 BODY	MINT £99.00
Olympus HLD-5 BATTERY GRIP FOR E620 BODY	MINT-BOXED £39.00
Olympus FL-14 FLASH UNIT	EXC++ BOXED £69.00
Olympus FL- 40 FOR OLYMPUS DIGITAL	MINT-BOXED £59.00
Panasonic GX7 BODY WITH PANASONIC 14-42 KIT	MINT-BOXED £445.00
Panasonic GF1 BODY COMP WITH ACCESSORIES	MINT-BOXED £99.00
Panasonic GF2 BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £145.00
Sigma 30mm 10.5mm 14.5mm 28mm 43rd	MINT-BOXED £115.00
Sony A7 BODY COMPLETE LITTLE USE	MINT BOXED £675.00
Sony DT 30mm f/2.8 MACRO SAM LENS	MINT-BOXED £115.00
Sony 16 - 105mm 13.5/5.6 DT LENS WITH HOOD	MINT-BOXED £195.00
Sony Alpha 28 - 75mm 2.8 SAM LENS	MINT-BOXED £229.00
Sigma 1.4 APD EX DG TELECONVERTER FOR SONY	MINT-BOXED £125.00
Sony Alpha HVL-F36AM FLASH GUN	MINT CASED £129.00

## Canon Autofocus, Digital Lenses, Canon FD

Canon EOS 1 BODY	EXC+++ £115.00
Canon EOS 1N BODY	EXC+++ £145.00
Canon EOS 3 BODY	EXC++ £99.00
Canon F1N AE WITH CANON 50mm 11.4 LENS	MINT-BOXED £895.00
Canon 17 - 40mm 14 USM "L" WITH HOOD	MINT-BOXED £248.00
Canon 17 - 40mm 14 USM "L" WITH FILTER	MINT-BOXED £249.00
Canon 20 - 35mm 2.8 USM "L"	MINT-BOXED £49.00
Canon 28 - 300mm F3.5/5.6 USM "L" IMAGE STABILIZER	MINT-CASED £1,225.00
Canon 70 - 200mm 12.8 USM "L" IS IMAGE STAB MKI	MINT-BOXED £899.00
Canon 70 - 200mm 12.8 USM "L" IS IMAGE STAB MK II	MINT-BOXED £1,299.00
Canon 70 - 200mm 14 USM "L"	MINT-BOXED £245.00
Canon 100 - 400mm 14/5.6 USM "L" IMAGE STABILIZER	MINT-BOXED £775.00
Canon 14mm 12.8 USM "L"	MINT-BOXED £795.00
Canon 35mm 11.4 USM "L" SUPERB SHARP LENS	MINT-BOXED £775.00
Canon 85mm 11.2 USM "L" MK II LATEST	MINT-BOXED AS NEW £1,195.00
Canon 200mm 12.8 USM "L" MK II WITH HOOD	MINT-BOXED £1,475.00
Canon 300mm 14 USM "L" IMAGE STABILIZER	MINT-BOXED £895.00
Canon 400mm 15.6 USM "L" WITH HOOD AND CASE	MINT-BOXED £845.00
Canon 400mm 14 DO USM IMAGE STABILIZER LENS	MINT-CASED £3,495.00
Canon 20mm 12.8 USM COMPLETE	MINT-BOXED £289.00
Canon 50mm 1.8 MARK 1 (VERY RARE NOW)	MINT £149.00
Canon 50mm 12.8 COMPACT MACRO	MINT- £175.00
Canon 60mm 12.8 USM MACRO LATEST	MINT-BOXED £279.00
Canon 100mm 12.8 USM	MINT-BOXED £125.00
Canon 15 - 85mm 13.5/5.6 EF-S USM IS + CAN HOOD	MINT-BOXED £745.00
Canon 17 - 55mm 12.8 USM IMAGE STABILIZER + HOOD	MINT-BOXED £445.00
Canon 17 - 55mm 12.8 USM IMAGE STABILIZER + HOOD	MINT-BOXED £475.00
Canon 17 - 85mm 14.5/6.3 IMAGE STABILIZER	MINT-BOXED £169.00
Canon 18 - 135mm 13.5/5.6 EFS IMAGE STABILIZER	MINT + HOOD £195.00
Canon 18 - 200mm 13.5/5.6 EF-S IMAGE STABILIZER	MINT+HOOD £325.00
Canon 28 - 90mm F4.5/6.3 USM	MINT £69.00
Canon 28 - 105mm 13.5/4.5 USM	MINT £145.00
Canon 28 - 135mm 13.5/5.6 USM IMAGE STABILIZER	MINT-BOXED £195.00
Canon 28 - 200mm 13.5/5.6 USM	MINT £179.00
Canon 35 - 80mm 14/5.6 EF MKII	MINT £195.00
Canon 18 - 35mm 13.5/5.6 EFS IMAGE STABILIZER	MINT + HOOD £195.00
Canon 18 - 200mm 13.5/5.6 EF-S IMAGE STABILIZER	MINT+HOOD £325.00
Canon 75 - 300mm 14/5.6 + HOOD	MINT £89.00
Canon 75 - 300mm 14/5.6 USM	MINT-BOXED £199.00
Canon 75 - 300mm 14/5.6 USM	MINT £199.00
Canon 75 - 300mm 14/5.6 USM IMAGE STABILIZER	MINT-BOXED £195.00
Canon 28 - 200mm 13.5/5.6 USM IMAGE STABILIZER	MINT-BOXED £195.00
Canon 28 - 200mm 13.5/5.6 USM	MINT £179.00
Canon 35 - 80mm 14/5.6 EF MKII	MINT £195.00
Canon 55 - 250mm 14/5.6 MKII IMAGE STABILIZER	MINT-BOXED £159.00
Canon 70 - 300mm 14/5.6 USM IMAGE STABILIZER	MINT-BOXED £265.00
Canon 75 - 300mm 14/5.6 + HOOD	MINT £89.00
Canon 75 - 300mm 14/5.6 USM	MINT £199.00
Canon 75 - 300mm 14/5.6 USM	MINT £199.00
Canon 75 - 300mm 14/5.6 MK III (LATEST VERSION)	MINT-BOXED £129.00
Canon 75 - 300mm 14/5.6 MK III (LATEST VERSION)	MINT £95.00
Canon 100 - 300mm 14/5.6 USM	MINT-BOXED £199.00
Canon EF25 II EXTENSION TUBE	MINT-BOXED £79.00
Kenko DC CANON FIT TUBE SET 12,20,36mm	MINT-BOXED £99.00
Canon EF 1.4x EXTENDER MK I	MINT-BOXED £179.00
Canon EF 1.4x EXTENDER MK II	MINT-BOXED £199.00
Canon EF 2.0x EXTENDER MK I	MINT-BOXED £175.00

## Medium & Large Format

Hasselblad X PAN II COMPLETE GREAT CONDITION	EXC++ BOXED £1,475.00
Hasselblad X PAN CENTRE FILTER FOR 45mm	MINT £145.00
Hasselblad 90mm 14 F FOR X PAN	MINT-BOXED £275.00
Hasselblad LEATHER ERF CASE FOR X PAN	MINT- £175.00
Hasselblad X PAN II RELEASE CORD	MINT BOXED £59.00

MAIL ORDER HOTLINE:

# 01954 251 715

Open 9am — 9pm, 7 days a week

[www.camtechuk.com](http://www.camtechuk.com)

NEXT DAY DELIVERY GUARANTEED

BRONICA 45mm f4 RF LENS FOR RF645 WITH FINDER

MINT BOXED £325.00

BRONICA ETRSI COMPLETE WLF,120 BACK, 75mm LENS

MINT- £199.00

BRONICA 40mm f4 PE LENS TOTALLY AS NEW

MINT BOXED £195.00

BRONICA 40mm f4 ZENZANON FOR ETRS/ETRSI

MINT- £199.00

BRONICA 50mm 12.8 ZENZANON MC

EXC++ £99.00

BRONICA 110mm f4 MACRO LENS PS

MINT- £235.00

BRONICA 150mm 13.5 ZENZANON E MC

MINT BOXED £99.00

BRONICA 150mm f4 E

MINT- £89.00

BRONICA ETRSI 120 BACK

MINT BOXED £69.00

BRONICA POLAROID BACK FOR ETRS, ETRSI etc

MINT BOXED £59.00

BRONICA AEII METERED PRISM

EXC+ £75.00

BRONICA PLAIN PRISM FOR ETRS/ETRSI

EXC++ £59.00

BRONICA ROTARY PRISM FINDER FOR ETRS, ETRSI etc

MINT- £75.00

BRONICA SPEEDGRIP FOR ETRS/ETRSI

MINT- £45.00

BRONICA MOTOR WINDER E

EXC++ £89.00

BRONICA 150mm 13.5 ZENZANON S

MINT- £165.00

BRONICA

# PARK Cameras



Visit our state of the art stores in Burgess Hill (West Sussex) and Central London

Visit our website for directions and opening times for both stores

Experts in photography Unbeatable stock availability Competitive low pricing UK stock

## Canon EOS 5D Mark III

The EOS 5D Mark III is a full-frame camera with 22.3-megapixel full frame sensor with 61-point autofocus and 6fps continuous shooting. Record superb Full-HD video, with manual control of frame rate and audio.



**SEE WEB FOR OUR BEST DEALS!**

£250 trade-in bonus available!  
Offer ends 30th June 2015



## Canon EOS 5Ds / 5Ds R

Combine fast, instinctive DSLR handling with 50.6-megapixel resolution, and capture exquisite detail in every moment.

Visit [www.ParkCameras.com](http://www.ParkCameras.com) & watch our first look video to learn more!

**See the 5Ds & 5Ds R at our Burgess Hill store - 19th May 2015**

## Canon EOS 7D Mark II

**AP SPECIAL**  
PRICE - SAVE £££  
+ INTEREST FREE CREDIT

Body Only **£1,399.00** + EF-S 17-85mm IS **£1,569.00**

Claim up to **£250 cashback** from Canon on selected lenses when purchasing the EOS 7D II. Ends 31.07.15

FREE TRAINING COURSE

20.2 MEGA PIXELS

10 FPS

Body SRP

£599.99

Body SRP

£649.99

In stock now

## Canon EOS 750D

Body SRP £599.99

## Canon EOS 760D

Body SRP £649.99

In stock now

## Canon EOS-1D X



MINIMUM  
£400  
TRADE IN

Body Only **£4,499.00**

See website for full details

Interest FREE credit available.  
Call us on 01444 23 70 60.

## Canon EOS 6D



FREE TRAINING COURSE

Body Only + 24-105mm **£1,150.00** **£1,499.00**

£150 trade-in bonus available!  
Offer ends 30th June 2015

## Canon EOS 70D



FREE TRAINING COURSE

Body Only + 18-55 IS STM **£743.00** **£827.00**

FREE TRAINING COURSE

**CANON  
ROADSHOW  
19th May!  
Burgess Hill**  
See Web For Details

## Canon EOS 700D



FREE TRAINING COURSE

Body Only + 18-55 IS STM **£419.00** **£489.00**

Receive a free bag, cloth & 8GB SD card. Offer runs 30.03.15-20.05.15

## Even more DSLRs

1200D Body **£249.00**

1200D + 18-55 IS II **£319.00**

100D Body **£302.00**

100D + 18-55 IS STM **£359.00**

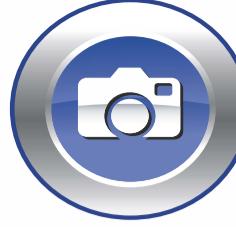
## Canon CSCs

M3 + 18-55 IS STM **£599.00**

Prices updated DAILY!  
See [www.ParkCameras.com/AP](http://www.ParkCameras.com/AP) for details.

## CANON LENSES

14mm f/2.8L II USM	<b>£1,668.00</b>	200mm f/2.8L USM/2	<b>£569.00</b>	EF-S 18-200mm f/3.5-5.6 IS	<b>£389.00</b>
20mm f/2.8 USM	<b>£385.00</b>	300mm f/2.8L USM IS II	<b>£4,799.00</b>	24-70mm f/2.8L II USM	<b>£1,479.00</b>
24mm f/1.4L Mk II USM	<b>£1,224.00</b>	400mm f/4.0 DO IS II USM	<b>See web</b>	24-70mm f/4.0L IS USM	<b>£705.00</b>
24mm f/2.8 IS USM	<b>£455.00</b>	400mm f/5.6L USM	<b>£929.00</b>	24-105mm f/4.0L IS USM	<b>£749.00</b>
EF-S 24mm f/2.8 STM <b>NEW</b>	<b>£139.00</b>	500mm f/4.0L USM IS MKII	<b>£6,899.00</b>	24-105mm (White Box)	<b>£599.00</b>
28mm f/1.8 USM	<b>£379.00</b>	600mm f/4.0L USM IS MKII	<b>£8,895.00</b>	24-105mm f/3.5-5.6 IS STM	<b>£459.00</b>
28mm f/2.8 IS USM	<b>£389.00</b>	800mm f/5.6L IS USM	<b>£9,899.00</b>	28-300mm f/3.5-5.6L IS USM	<b>£1,885.00</b>
35mm f/1.4L USM	<b>£989.00</b>	TSE 17mm f/4.0L	<b>£1,659.00</b>	EF-S 55-250mm f/4.5-5.6 IS STM	<b>£225.00</b>
35mm f/2.0 IS USM	<b>£399.00</b>	TSE 24mm f/3.5-5.6L II	<b>£1,479.00</b>	EF-S 55-250mm f/4.5-5.6 IS II	<b>£169.00</b>
40mm f/2.8 STM	<b>£149.00</b>	TSE 45mm f/2.8	<b>£1,129.00</b>	70-200mm f/2.8L IS II USM	<b>£1,535.00</b>
50mm f/1.2 L USM	<b>£1,035.00</b>	TSE 90mm f/2.8	<b>£1,124.00</b>	70-200mm f/2.8L USM	<b>£975.00</b>
50mm f/1.4 USM	<b>£244.00</b>	8-15mm f/4.0 Fisheye USM	<b>£915.00</b>	70-200mm f/4.0L IS USM	<b>£866.00</b>
50mm f/1.8 II	<b>£88.00</b>	EF-S 10-18mm IS STM	<b>£198.00</b>	70-200mm f/4.0L USM	<b>£471.00</b>
50mm f/2.5 Macro	<b>£203.00</b>	EF-S 10-22mm f/3.5-4.5 USM	<b>£411.00</b>	70-300mm f/4.0-5.6 IS USM	<b>£369.00</b>
EF-S 60mm f/2.8 Macro	<b>£333.00</b>	EF 11-24mm f/4L USM	<b>£2,799.00</b>	70-300mm f/4.0-5.6L IS USM	<b>£904.00</b>
MP-E 65mm f/2.8	<b>£853.00</b>	EF-S 15-85mm f/3.5-5.6 IS	<b>£542.00</b>	70-300mm DO IS USM	<b>£1,118.00</b>
85mm f/1.2L II USM	<b>£1,499.00</b>	16-35mm f/2.8L II USM	<b>£1,119.00</b>	75-300mm f/4.0-5.6 III	<b>£188.00</b>
85mm f/1.8 USM	<b>£264.00</b>	16-35mm f/4.0L IS USM	<b>£737.00</b>	75-300mm f/4.0-5.6 USM III	<b>£219.00</b>
100mm f/2 USM	<b>£358.00</b>	17-40mm f/4.0L USM	<b>£549.00</b>	100-400mm L IS USM	<b>£1,079.00</b>
100mm f/2.8 USM Macro	<b>£385.00</b>	EF-S 17-55mm f/2.8 IS USM	<b>£532.00</b>	100-400mm L IS USM II	<b>£1,999.00</b>
100mm f/2.8L Macro IS USM	<b>£639.00</b>	EF-S 17-85 IS (No packaging)	<b>£179.00</b>	EF 200-400mm f/4.0L USM IS	<b>£8,598.00</b>
135mm f/2.0L USM	<b>£768.00</b>	EF-S 18-55 IS II (No packaging)	<b>£70.00</b>	EF 200-400mm f/4.0L USM IS	<b>£8,598.00</b>
180mm f/3.5L USM Macro	<b>£1,049.00</b>	EF-S 18-135mm IS STM	<b>£329.00</b>	1.4x III Extender	<b>£319.00</b>
200mm f/2.0L IS USM	<b>£4,399.00</b>	18-135 IS STM (No packaging)	<b>£289.00</b>	2x III Extender	<b>£320.00</b>



## Nikon D7200

NEW & IN STOCK!

Body Only **£920.00**

+ 18-105

**£1,097.00**

See web for more details

## Nikon D5500

NEW & IN STOCK!

Body Only **£608.00**

+ 18-55 VR II

**£659.00**

See web for more kits

## Nikon D3300

24.2 MEGA PIXELS

5 FPS

Body Only **£352.00**

+ 18-55 VR II

**£389.00**

Learn more about the D3300 with a Guide Book - **£14.99**

## Nikon D7100

24.1 MEGA PIXELS

6 FPS

Body Only **£749.00**

+ 18-105 VR

**£899.00**

Purchase with selected Nikon lenses & receive **£100 cashback**

## Nikon D610

24.3 MEGA PIXELS

FULL FRAME

10.5 FPS

Body Only **£1,189.00**

+ 24-85 VR

**£1,599.00**

Purchase with selected Nikon lenses & receive **£125 cashback**

## Nikon D750

24.3 MEGA PIXELS

FULL FRAME

10.5 FPS

Body Only **£1,749.00**

+ 24-85 VR

**£2,199.00**

Purchase with selected Nikon lenses & receive **£150 cashback**

## Nikon D810

36.3 MEGA PIXELS

FULL FRAME

12.8 FPS

Body Only **£2,399.00**

See web for full details.

Add a Nikon EN-EL15 spare battery for just **£100**

## Nikon D4s

16.2 MEGA PIXELS

FULL FRAME

11.0 FPS

Body Only **£4,449.00**

+ EN-EL18a

**£4,593.00**

Visit our website - updated daily  
**www.ParkCameras.com/AP**  
 or e-mail us for sales advice using  
**sales@parkcameras.com**

Call one of our knowledgeable sales advisors  
 Monday - Saturday (9:00am - 5:30pm) or Sunday (11:00am - 4:30pm)

**01444 23 70 60**



• UK's largest independent photo store • Award winning customer service • Family owned & Run

Sigma is a world leader in the optical field with top quality lenses available in Sigma, Canon, Nikon, Pentax, Sony and Four-Thirds fit. See below to find a lens for you – at **LOW PARK CAMERAS PRICES!**

**Sigma 17-50mm f/2.8 EX EX DC OS HSM**



In stock from **£309.00**  
 See website for details  
 Add a Sigma 77mm DG MC UV filter for just £55

**Sigma 18-250mm f/3.5-6.3 DC Macro OS HSM**



In stock from **£299.00**  
 See website for details  
 Add a Sigma 62mm WR UV filter for just £39.99

**Sigma 150-600mm f/5-6.3 DG OS HSM Contemporary**



**NEW!!**  
 Available soon **£899.00**  
 See website for details  
 Pre-order to receive one of the first in the UK!

**Tamron SP 15-30mm f/2.8 Di VC USD**



In stock at **£949.00**  
 See website for details  
 Add a Tamron 9x13cm lens case for £19

**Tamron 16-300mm f/3.5-6.3 Di II VC PZD Macro**



In stock at **£448.00**  
 See website for details  
 Add a Hoya 67mm UV(C) HMC filter for only £15

**Tamron SP 150-600mm f/5-6.3 Di VC USD**



In stock at **£869.00**  
 See website for details  
 Add a Kenko 95mm Digital MC UV filter for only £110

## SIGMA LENSES

Prices updated DAILY! See <a href="http://www.ParkCameras.com/AP">www.ParkCameras.com/AP</a> for details.							
4.5mm f/2.8 Fisheye EX DC	fr. £279.99	180mm f/2.8 EX DG OS HSM	fr. £999.99	70-200mm f/2.8 OS	fr. £799.00		
8mm f/3.5 Fisheye EX DG	£615.00	300mm f/2.8 APO EX DG	£2,319.00	70-300mm f/4.0-5.6 Macro	£150.00		
10mm f/2.8 EX DC HSM	£299.99	500mm f/4.5 APO EX DG	£3,839.99	70-300mm f/4.0-5.6 DG Macro	£98.00		
15mm f/2.8 Fisheye EX DG	fr. £299.00	800mm f/5.6 APO EX DG	£4,399.00	70-300mm f/4.0-5.6 DG OS	£199.00		
19mm f/2.8 DN	fr. £119.99	8-16mm f/4.5-5.6 DC HSM	fr. £549.00	120-300mm f/2.8 OS HSM S	£2,699.00		
20mm f/1.8 DG Asph. RF	£389.00	10-20mm f/4.5-5.6 EX HSM	£119.99	150-500mm f/5.0-6.3 DG OS	£649.00		
20mm f/1.8 DG Asph. RF	£389.00	10-20mm f/3.5 EX DC HSM	£399.00	150-600mm f/5.0-6.3 (C)	£899.00		
24mm f/1.4 DG HSM	£699.00	12-24mm f/4.5-5.6 II DG HSM	£575.00	150-600mm f/5.0-6.3 (SPORT)	£1,499.00		
30mm f/1.4 DC HSM	£369.00	17-50mm f/2.8 DC OS HSM	£309.00	200-500mm f/2.8 EX DG	£12,999.99		
30mm f/2.8 DN	£139.99	17-70mm f/2.8-4 Macro OS	£329.00	300-800mm f/5.6 EX DG HSM	£5,599.99		
35mm f/1.4 DG HSM	fr. £599.99	18-35mm f/1.8 DC HSM	fr. £649.00	EX DG 1.4x APO	£198.00		
50mm f/1.4 EX DG HSM	£299.00	18-200mm f/3.5-6.3 II DC OS	£199.99	1.4x Tele Converter TC-1401	£239.99		
60mm f/2.8 DN	fr. £119.99	18-200mm f/3.5-6.3 OS HSM	£269.00	EX DG 2x APO DG	£239.00		
70mm f/2.8 Macro	£249.00	18-250mm Macro OS HSM	fr. £299.00	2x Tele Converter TC-2001	£329.00		
85mm f/1.4 EX DG HSM	£649.00	18-300mm f/3.5-6.3 DC OS HSM	£399.00	USB Dock	£39.95		
105mm f/2.8 EX DG OS HSM	£399.00	24-70mm f/2.8 II EX DG	£599.00	Sigma Filters	from £17.99		
150mm f/2.8 OS Macro	fr. £629.99	24-105mm f/4 DG OS HSM	fr. £645.99				

Visit us in store & try these lenses out for yourself & receive expert advice

## Olympus E-M5 Mark II

With the E-M5 II, you'll find a whole range of improvements including enhanced with enhanced 5-axis IS & impressive video capabilities.

**from £899.00**

**IN STOCK NOW**

**Olympus E-PL7**



Body Only + 14-42 EZ  
**£469.00**

Add a spare BLS50 battery for just £47.00

**Olympus E-M10**



Body Only + 14-42 EZ  
**£499.00**

Consider the LIMITED EDITION kit at only £519.00

## Olympus 40-150mm f/2.8 PRO



In stock at only  
**£1,299.00**

Or buy with a 1.4x teleconverter for £1,499.00

## Olympus E-M1



Body Only + 12-40mm  
**£899.00**

**FREE 5 1/2 year warranty with this camera!**

## Panasonic FZ1000



In stock at  
**£589.00\***

Visit us in store & see this camera

Claim £50 Cashback from Panasonic

\*Price shown includes cashback

## Panasonic GX7



## Panasonic GH4



GX7 + 14-42 + 20mm  
**£449.00\*** **£510.00\***

Claim £50 Cashback from Panasonic

\*Price shown includes cashback

## Panasonic GH4



Body Only + 14-140mm  
**£899.00\*** **£1,499.00\***

Claim a FREE 5yr Warranty & £100 Cashback from Panasonic

\*Price shown includes cashback

## OLYMPUS MICRO 4/3 LENSES

9mm Fish-Eye Body Cap	£79.00	9-18mm f/4.5-6	£459.00
12mm f/2.0 Silver	£556.00	12-40mm f/2.8 Pro	£799.00
15mm f/8.0 Body Cap	£59.00	12-50mm f/3.5-6.3	from £199.00
17mm f/1.8 Silver / Black	£359.00	14-150mm f/4.0-5.6 ED	£489.00
17mm f/2.8 Silver	£229.00	40-150mm f/4.0-5.6R	£129.00
25mm f/1.8 Silver / Black	£319.00	14-42mm Black (Unboxed)	£99.99
45mm f/1.8 Silver / Black	£218.00	14-42mm f/3.5-5.6 II R MFT	£239.00
60mm f/2.8 Macro	£365.00	40-150mm f/2.8 Pro MFT	See web
75mm f/1.8 Silver / Black	£709.00	75-300mm f/4.8-6.7 ED II	£389.00

## MORE OLYMPUS!

E-PL6 Black + 14-42mm EZ	£399.00
Tough TG-835	£179.00
Tough TG-850	£189.97
Tough TG-860	£242.00
Tough TG-3	£259.00
SP-100EE	£249.00
SH-60 Black	£169.00
SH-1 Black	£179.99
SH-2 Silver NEW	£249.00

See web for full details

Prices updated DAILY! See instore or online.

**Fujifilm X30**



Only **£399.00** See web for details

Claim a FREE lens hood & filter kit worth £199

**Fujifilm X-Pro1**



Body Only + 2 FREE LENSES + CASE  
**£658.00**

Claim FREE 18mm & 27mm lenses and a FREE Case

**Fujifilm X-T1**



Body Only + 18-55mm  
**£879.00**

Claim a FREE GRIP worth £199 with this camera

**Lowepro Lens Trekker 600 AW III**



In stock at only **£149.00**

**Lowepro Transit 350AW**



In stock at only **£79.00**

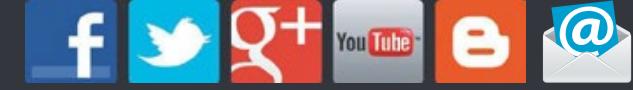
**Lowepro Vertex 200AW**



In stock at only **£139.00**

Follow us on Facebook, Twitter, Google+ and YouTube

for latest news, product reviews, and competitions from Park Cameras





# digitaldepot



Nikon  
CASHBACK  
UP TO  
£275/€350

05/03/2015 - 31/05/2015

CASHBACK AVAILABLE ON PURCHASES OF SELECTED NIKON PRODUCTS,  
MADE BETWEEN 5TH MARCH AND 31ST MAY 2015 (INCLUSIVE).

CLAIMS MUST BE RECEIVED BY 28TH JUNE 2015. FULL TERMS AND CONDITIONS APPLY.

I AM SPRING CASHBACK

Nikon  
CASHBACK  
UP TO  
£275/€350

05/03/2015 - 31/05/2015

## DSLR BONUS OFFERS - ONLY AVAILABLE WHEN PURCHASING THE SELECTED CAMERA WITH AN APPLICABLE LENS

Choose from selected bonus offers below with applicable camera body when purchasing with one or more of the selected lenses below. T's and C's apply

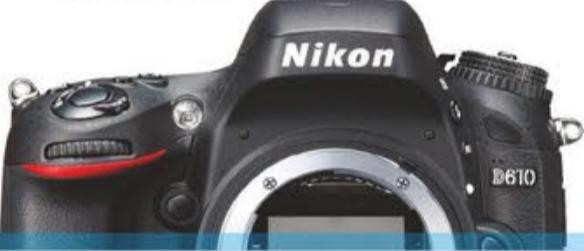
- A** £100 CASHBACK
- B** MB-D15 GRIP
- C** TRAINING COURSE (LONDON BASED)

**Nikon**  
**D7100**



- A** £125 CASHBACK
- B** MB-D14 GRIP
- C** TRAINING COURSE (LONDON BASED)

**Nikon**  
**D610**



- A** £150 CASHBACK
- B** MB-D16 GRIP
- C** TRAINING COURSE (LONDON BASED)

**Nikon**  
**D750**



NIKKOR 85mm F1.8G	NIKKOR 70-300mm VR	NIKKOR 28-300mm VR	NIKKOR 24-70mm	NIKKOR 70-200mm F2.8G VR II	NIKKOR 80-400mm G ED VR
----------------------	-----------------------	-----------------------	-------------------	--------------------------------	----------------------------

**£399** **£449** **£649** **F2.8G** **£1235** **£1589** **£1899**



NIKKOR 35mm f/1.8G	NIKKOR 40mm f/2.8G ED MICRO	NIKKOR 16-85mm ED VR	NIKKOR 18-200mm G ED VR II	NIKKOR 10-24mm	NIKKOR 18-300mm G ED VR
-----------------------	-----------------------------------	----------------------------	----------------------------------	-------------------	-------------------------------

**£149** **£199** **£449** **£584** **£639** **£599**



Refurbished  
Nikon D610

**£999**

12 Month  
Warranty



Full range of Nikon in store  
and online

Visit Us:  
Mon-Sat - 9:5:30

The Old Post Office  
13 High Street  
Stevenage  
SG1 3BG

[www.digitaldepot.co.uk](http://www.digitaldepot.co.uk)

[sales@digitaldepot.co.uk](mailto:sales@digitaldepot.co.uk)

01438 367619



APPROVED



CERTIFIED

APPROVED USED  
9 MONTHS WARRANTY



TESTED



Canon  
1DS III  
Body



£1299

Canon  
6D  
Body



£999

Canon  
60D  
Body



£329

Canon  
550D  
Kit



£329

Nikon  
D4  
Body



£3299

Nikon  
D3S  
Body



£1399

Nikon  
D700  
Body



£599

Nikon  
D300  
S



£399

Canon  
100-400mm  
F4.5-5.6  
L IS  
£699



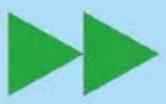
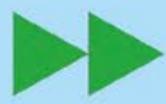
Canon  
24-70mm  
F2.8 L  
USM MKI  
£699



Canon  
400mm  
F5.6L  
USM  
£799



Part Exchange - Three easy steps



Competitive Part  
Exchange quote

Free Delivery and Collect  
on your preferred day

Get Paid. PX value  
refunded on receipt

10% OFF USED - ENDS 1ST JUNE  
ONLINE VOUCHER CODE: USEDONLY10



# wex photographic

Retailer of the Year, Good Service Award winner 2014  
and Best Online Retailer 2002-2013.  
Good Service Awards winner 2008-2015.

THE WEX PROMISE: Over 16,000 Products | Free Delivery on £50 or over\*\* | 28-Day Returns Policy†

**D3300**  
 Black, Red or Grey  
 24.2 megapixels  
 5.0 fps  
 1080p movie mode

**NEW D5500**  
 24.2 megapixels  
 5.0 fps  
 1080p movie mode

**D7100**  
 24.1 megapixels  
 6.0 fps  
 1080p movie mode

**NEW D7200**  
 24.2 megapixels  
 6.0 fps  
 1080p movie mode

**D3200**  
 D3200 Body  
 D3200 + 18-55mm VR II  
 £237  
 £299

**D5300**  
 D5300 Body  
 D5300 + 18-55mm VR II  
 D5300 + 18-140mm VR  
 £504  
 £559  
 £759

**D610**  
 24.3 megapixels  
 6.0 fps  
 1080p movie mode  
 Full Frame CMOS Sensor

**NEW D750**  
 24.3 megapixels  
 6.5 fps  
 1080p movie mode  
 Full Frame CMOS Sensor

**D810**  
 36.3 megapixels  
 5.0 fps  
 Full Frame CMOS Sensor

**D4s**  
 16.2 megapixels  
 11.0 fps  
 Full Frame CMOS Sensor

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7100 Body  
 D7100 + 18-105mm VR  
 See [www.wex.co.uk/nikond7100](http://www.wex.co.uk/nikond7100)  
 for cashback\* details

**NEW D7200**  
 NEW D7200 Body  
 NEW D7200 + 18-105mm  
 £920  
 £1119

**D7100**  
 D7



Follow us on Twitter, Facebook, Google+ and YouTube  
for all the latest offers, reviews, news and advice!



## DSLR Lenses



### CANON LENSES

EF 20mm f.2.8 USM	£385
EF-S 24mm f.2.8 Pancake	£139
EF 28mm f.1.8 USM	£379
EF 35mm f.2.0 IS USM	£399
EF 40mm f.2.8 STM	£149
TS-E 45mm f.2.8	£1129
EF 50mm f.1.2 L USM	£1035
EF 50mm f.2.5 Macro Lens	£219
MP-E 65mm f.2.8 1.5x Macro	£853
EF 85mm f.1.2 L USM II	£1499
TS-E 90mm f.2.8	£1124
EF 100mm f.2.8 USM Macro	£385
EF 300mm f.4.0 L IS USM	£999
EF 400mm f.4.0 DO IS USM II	£6999
EF 500mm f.4.0 L IS USM II	£6899
EF-S 10-22mm f.3.5-4.5 USM	£411
<b>NEW</b> EF 11-24mm f.4L USM	£2799
EF-S 15-85mm f.3.5-5.6 IS USM	£542
EF 16-35mm f.4.0 L IS USM	£737
EF-S 17-55mm f.2.8 IS USM	£532
EF-S 18-55mm f.3.5-5.6 IS STM Lens	£169
EF-S 18-135mm f.3.5-5.6 IS STM	£313
EF-S 18-200mm f.3.5-5.6 IS	£389
EF 24-70mm f.2.8 L IS USM II	£1479
EF 24-70mm f.4 L IS USM	£705
EF 24-105mm f.4.0 L IS USM	£727
EF 24-105mm f.3.5-5.6 IS STM	£375
EF 28-135mm f.3.5-5.6 IS USM	£359
EF 70-200mm f.2.8L IS USM II	£1530
EF 70-200mm f.4 L IS USM	£866
EF 70-300mm f.4.0-5.6 IS USM	£369
EF 70-300mm f.4.0-5.6 L IS USM	£904
<b>NEW</b> EF 100-400mm f.4.5-5.6L IS USM II	£1999

### EF-S 10-18mm f.4.5-5.6 IS STM

£192

EF 50mm f.1.4 USM

£244

EF 100 f.2.8L Macro IS USM

£639

EF-S 55-250mm f.4.5-5.6 IS STM

£225

14-24mm f.2.8 G ED AF-S

£1315

16-85mm f.3.5-5.6 G ED AF-S DX VR

£378

**including £60 Cashback\*** price you pay today £438

17-55mm f.2.8 G ED AF-S IF

£1049

18-35mm f.3.5-4.5 G AF-S ED

£519

18-55mm f.3.5-5.6 G AF-S DX VR II

£229

18-105mm AF-S DX f.3.5-5.6 G ED VR

£204

18-140mm f.3.5-5.6 G ED AF-S DX VR

£459

18-200mm f.3.5-5.6 G ED AF-S DX VR II

£504

**including £80 Cashback\*** price you pay today £584

18-300mm f.3.5-5.6 ED AF-S VR

£579

**including £90 Cashback\*** price you pay today £669

24-70mm f.2.8 G ED AF-S

£1060

**inc. £175 Cashback\*** price you pay today £1235

24-85mm f.3.5-4.5 G AF-S ED VR

£399

24-120mm f.4 G AF-S ED VR

£749

28-300mm f.3.5-5.6 G ED AF-S VR

£659

55-200mm f.4-5.6 G AF-S DX VR IF-ED

£241

**NEW** 55-200mm f.4.0-5.6 G AF-S ED DX VR II

£279

55-300mm f.4.5-5.6 G AF-S DX VR

£279

70-200mm f.2.8G ED AF-S VR II

£1354

**inc. £225 Cashback\*** price you pay today £1579

70-300mm f.4.5-5.6 G ED AF-S VR

£359

**including £60 Cashback\*** price you pay today £419

80-400mm f.4.5-5.6 G ED AF-S VR

£1624

**inc. £275 Cashback\*** price you pay today £1899

10-24mm f.3.5-4.5 G AF-S DX

£549

**including £90 Cashback\*** price you pay today £639

12-24mm f.4 G AF-S IF-ED DX

£839

14-24mm f.2.8 G ED AF-S

£1315

16-85mm f.3.5-5.6 G ED AF-S DX VR

£378

**including £60 Cashback\*** price you pay today £438

17-55mm f.2.8 G ED AF-S IF

£1049

18-35mm f.3.5-4.5 G AF-S ED

£519

18-55mm f.3.5-5.6 G AF-S DX VR II

£229

18-105mm AF-S DX f.3.5-5.6 G ED VR

£204

18-140mm f.3.5-5.6 G ED AF-S DX VR

£459

18-200mm f.3.5-5.6 G ED AF-S DX VR II

£504

**including £80 Cashback\*** price you pay today £584

18-300mm f.3.5-5.6 ED AF-S VR

£579

**including £90 Cashback\*** price you pay today £669

24-70mm f.2.8 G ED AF-S

£1060

**inc. £175 Cashback\*** price you pay today £1235

24-85mm f.3.5-4.5 G AF-S ED VR

£399

24-120mm f.4 G AF-S ED VR

£749

28-300mm f.3.5-5.6 G ED AF-S VR

£659

55-200mm f.4-5.6 G AF-S DX VR IF-ED

£241

**NEW** 55-200mm f.4.0-5.6 G AF-S ED DX VR II

£279

55-300mm f.4.5-5.6 G AF-S DX VR

£279

70-200mm f.2.8G ED AF-S VR II

£1354

**inc. £225 Cashback\*** price you pay today £1579

70-300mm f.4.5-5.6 G ED AF-S VR

£359

**including £60 Cashback\*** price you pay today £419

80-400mm f.4.5-5.6 G ED AF-S VR

£1624

**inc. £275 Cashback\*** price you pay today £1899

10-24mm f.3.5-4.5 G AF-S DX

£549

**including £90 Cashback\*** price you pay today £639

12-24mm f.4 G AF-S IF-ED DX

£839

14-24mm f.2.8 G ED AF-S

£1315

16-85mm f.3.5-5.6 G ED AF-S DX VR

£378

**including £60 Cashback\*** price you pay today £438

17-55mm f.2.8 G ED AF-S IF

£1049

18-35mm f.3.5-4.5 G AF-S ED

£519

18-55mm f.3.5-5.6 G AF-S DX VR II

£229

18-105mm AF-S DX f.3.5-5.6 G ED VR

£204

18-140mm f.3.5-5.6 G ED AF-S DX VR

£459

18-200mm f.3.5-5.6 G ED AF-S DX VR II

£504

**including £80 Cashback\*** price you pay today £584

18-300mm f.3.5-5.6 ED AF-S VR

£579

**including £90 Cashback\*** price you pay today £669

24-70mm f.2.8 G ED AF-S

£1060

**inc. £175 Cashback\*** price you pay today £1235

24-85mm f.3.5-4.5 G AF-S ED VR

£399

24-120mm f.4 G AF-S ED VR

£749

28-300mm f.3.5-5.6 G ED AF-S VR

£659

55-200mm f.4-5.6 G AF-S DX VR IF-ED

£241

**NEW** 55-200mm f.4.0-5.6 G AF-S ED DX VR II

Please visit our website: [www.mathersoflancashire.co.uk](http://www.mathersoflancashire.co.uk)

**Canon**



**Canon EOS 1200D+  
18-55mm IS II £319**

Above + 55-250IS Mk II Lens.....£489  
Above + 75-300mm USM III Lens.....£469  
1200D Body Only.....£249

**Canon**



**Canon EOS 700D+  
18-55mm STM £489**

Above + 55-250 IS Mk II Lens.....£659  
Above + 55-250 IS STM Lens.....£699  
700D Body Only.....£439

**Nikon**



**Nikon D3200+  
18-55mm VR II £329\***

Above + 55-300mm VR.....£549\*  
Above + Sigma 70-300 APO.....£479\*  
Nikon D3200 Body Only.....£249\*

**Nikon**



**Nikon D5500+  
18-55mm VR II £659\***

D5500 with 18-140mm VR.....£865\*  
D5500 with Sigma 18-250 OS.....£885\*  
Nikon D5500 Body Only.....£595\*

**Nikon**



**Nikon D7200 with  
18-105mm VR Lens  
£1089\***

D7200 + Sigma 17-50 f2.8.....£1219\*  
Nikon D7200 Body Only.....£919\*

## Panasonic LUMIX® G Series



**Panasonic Lumix  
G-6+14-42mm £399\***

**Panasonic Lumix  
G-6 + 14-42mm  
+ 45-150mm £599\***  
**G-6 Body Only £369\***

**\*With 2 Year Warranty**



**Panasonic Lumix  
GF7+12-32mm £379\***

**Panasonic Lumix  
GF7 + 12-32mm  
+ 45-150mm £589\***  
**(Available in Silver  
or Tan)**  
**\*With 2 Year Warranty**



**Panasonic Lumix  
GM5+12-32mm £599\***

**Panasonic Lumix  
GM5 + 12-32mm  
+ 45-150mm £799\***  
**Panasonic Lumix  
GM5 Body Only £399\***  
**\*With 2 Year Warranty**



**Panasonic Lumix  
GH4+14-140mm HD  
£1499\***

**GH4 Body Only  
£1099\***

**\*Less £100 Cashback &  
Claim 5 Years Warranty**

### LUMIX G Series Lenses

8mm f3.5 Fisheye.....	£549
14mm f2.5 MkII.....	£309
20mm f1.7 MkII (Black or Silver).....	£285
7-14mm f4.....	£829
12-32mm f3.5/5.6.....	£269
12-35mm f2.8.....	£829
14-42mm f3.5/5.6 MkII (Un-Boxed).....	£99
14-42mm f3.5/5.6 MkII HD (Un-Boxed).....	£145
14-140mm f3.5-5.6 O.I.S.HD.....	£499
35-100mm f4/5.6.....	£279
35-100mm f2.8.....	£889
45-150mm f4/5.6.....	£215
45-200mm f4-5.6.....	£259
100-300mm f4-5.6.....	£415
Leica 15mm f2.8.....	£469
Leica Summilux 25mm f1.4 ASP.....	£419
Leica Nocticron 42.5mm f1.2 ASP OIS.....	£1099
Leica Elmarit DG Macro 45mm f2.8.....	£549

### Panasonic

Lumix SZ-10.....	£135
Lumix LZ-40.....	£165
Lumix FZ-72.....	£215
Lumix FZ-72 Lens Kit.....	£359*
*Inc LT-55 Tele & LA8 Adap	
Lumix FZ-200.....	£345
Lumix TZ-57.....	£215**
**Less £20 Cashback	
Lumix TZ-60.....	£289*
Lumix TZ-70.....	£319*
*With 5 Year Warranty	
Lumix FT30.....	£135
Lumix FT5.....	£259
Lumix LX-7.....	£289
LT-55 Teleconr.....	£119
LA-8 Lens Adap.....	£46
<b>NEW Lumix LX100.....</b>	<b>£599*</b>
<b>NEW Lumix FZ1000.....</b>	<b>£639*</b>
*Less £50 Cashback & 5 Year Warranty	

### Canon

<b>EOS M3 + 18-55 IS STM...£569</b>
<b>EOS 750D + 18-55 IS STM.£679</b>
<b>EOS 750D + 18-135 IS STM £889</b>
<b>EOS 750D Body Only.....£589</b>
<b>EOS 760D Body Only.....£639</b>
<b>EOS 70D + 18-55 IS STM...£795</b>
<b>EOS 70D + 18-135 IS STM.£979</b>
<b>EOS 70D Body Only.....£719</b>
<b>EOS 7D Mk II Body Only..£1385</b>
<b>Battery Grip BG-E16.....£195</b>

### SIGMA

19mm f2.8A-DN (Pan4/3, Sony).....	£149
30mm f2.8A-DN (Pan4/3, Sony).....	£149
60mm f2.8A-DN (Pan4/3, Sony).....	£149
30mm f1.4A.....	£379
35mm f1.4DGAHSM.....	£699
50mm f1.4DGAHSM.....	£699
85mm f1.4EXDGHSM.....	£635
105mm f2.8 EX DG OS HSM Macro.....	£399
150mm f2.8EXDGOSHSM Macro.....	£665
180mm f2.8EXDGOSHSM Macro.....	£1179
10-20mm f4-5.6 EX DC HSM.....	£359
10-20mm f3.5 EX DC HSM.....	£389
12-24mm f4.5/5.6 MK2 DGHSM.....	£599
17-50mm f2.8 EX DC OS HSM.....	£309*
17-70mm f2.8/4 DC Macro OS HSM.....	£329
18-35mm f1.8DCA.....	£649
18-200mm f3.5/6.3 DC "C".....	£265
18-250mm f3.5/6.3 DC OS Macro.....	£299
18-300mm f3.5/6.3 DC COSHSM.....	£399
24-70mm f2.8 EX FD GHSM.....	£599
24-105mm f4 AOSHSM (Can/Nik).....	£645
50-500mm APO EX DG (Can/Nik).....	£999
70-200mm f2.8 APO EX DG OS.....	£799
70-300mm f4/5.6 APO DG Macro.....	£159
120-300mm f2.8 EX DG OS.....	£2579
150-500mm APO DG OS HSM.....	£699
150-600mm f5/6.3 DG OS HSM.....	£1499
1.4x APO EX DG Conv (EX lenses).....	£199
2x APO EX DG Conv (EX lenses).....	£239

### Nikon

<b>D3300 + 18-55 VR II Lens.....</b>	<b>£449</b>
<b>D3300 + 18-55 VR II + Sig 70-300 APO .....</b>	<b>£599</b>
<b>D5300 + 18-55 VR II Lens.....</b>	<b>£599</b>
<b>D5300 + 18-55 VR II + Sig 70-300 APO .....</b>	<b>£749</b>
<b>D5300 + 18-140mm VR Lens.....</b>	<b>£749</b>
<b>D7100 + 18-105mm VR Lens.....</b>	<b>£899*</b>
<b>D7100 Body Only.....</b>	<b>£749*</b>
<b>D750 Body Only.....</b>	<b>£1729*</b>
<b>D750 + AF-S 24-85mm VR.....</b>	<b>£2129*</b>
<b>D750 + AF-S 24-120mm VR.....</b>	<b>£2195*</b>
<b>D610 Body Only.....</b>	<b>£1349*</b>
<b>D610 + AF-S 24-85mm.....</b>	<b>£1749*</b>

AF-S 20mm f1.8 GED.....	£629
AF-S 35mm f1.8 GED.....	£429
AF-S 50mm f1.8G.....	£169
AF-S 85mm f1.8G.....	£389*
AF-S 40mm f2.8 Macro.....	£209*
AF-S 105mm f2.8 VR Macro.....	£679*
AF-S 14-24mm f2.8G.....	£1399
AF-S 17-55mm f2.8 G.....	£539
AF-S 18-200G VR II.....	£629*
AF-S 18-300G VR.....	£699*
AF-S 24-70f2.8 G ED.....	£1345*
AF-S 24-120G VR.....	£799
AF-S 55-200 G VR II.....	£279
AF-S 55-300 G VR.....	£289
AF-S 70-200mm f4 VR.....	£979
AF-S 70-200 f2.8 VR.....	£1729*
AF-S 80-400mm f4.5/5.6 ED VR.....	£1939*

\* Call or see website for Nikon Spring promo

**SIGMA**  
3 YEAR UK WARRANTY

For registration and conditions log on to  
[www.sigmas-imaging-uk.com/warranty](http://www.sigmas-imaging-uk.com/warranty)

Please visit our website for best prices on  
Hoya and Kood filters, Fuji memory cards,  
batteries and camera accessories. E&OE.

**Canon**

Ixus 160.....£79  
PowerShot SX610HS.£179  
PowerShot SX710HS.£279  
PowerShot SX520HS.£229  
PowerShot SX530HS.£268  
PowerShot SX60HS....£349  
PowerShot S120.....£255  
PowerShot G16.....£339  
PowerShot G1X MkII....£519  
PowerShot G7 X.....£449

(For full range see our website)

**PLEASE NOTE  
WE STILL STOCK FILM!**

E-mail: [sales@mathersoflancashire.co.uk](mailto:sales@mathersoflancashire.co.uk) Shop Address: 23, Market Street, Bolton. BL1 1BU.

**ALL UK STOCK-ORDERS OVER £100 POST FREE**

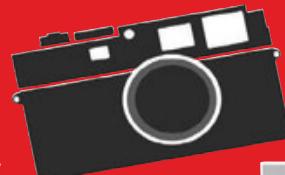


**ffordes**  
photographic

# The U.K.s Largest Used Equipment Specialist

The ORIGINAL commission sale specialists  
We also PART EXCHANGE and BUY FOR CASH  
Good quality equipment always wanted

<b>Fuji X Lenses</b>	40mm F4 PS.....	E++ £249	Sigma 50-500mm F4-6.3 Apo DG HSM .....	Exc £399	G1 Body only .....	E+ £179 - £199	Samsung NX10 + 18-55mm.....	E++ £139	H4D Complete (40MP).....	E++ £6,499	
14mm F2.8 XF.....	Mint- £529	50-100mm F4-5.6 PS.....	E++ £599	Sigma 70mm F2.8 EX DG Macro E+ / E++ £229 - £239	16mm F8 G + Finder.....	Mint- £999	Samsung NX100 + 20-50mm.....	E++ £139	H4D Complete (31MP).....	E++ £5,499	
16-50mm F3.5-5.6 OIS XC.....	E++ £129	75-150mm F4.5 PS.....	E+ £399	Sigma 70-210mm F2.8 Apo.....	E+ £179	21mm F2.8 G + Finder.....	E++ / Mint- £499 - £549	Samsung NX1000 Body Only.....	E+ £149	H3DII Complete (39MP).....	E++ £4,489
18-55mm F2.8-4 XF.....	E++ / Mint- £279	140-280mm F5.6 PS.....	E+ £399	Sigma 70-300mm F4-5.6 Apo Macro.....	E++ £55 - £79	28mm F2.8 G .....	E++ £289	Samsung NX1100 + 20-50mm.....	Mint- £149	H3D Body + 31MP Back.....	E++ £2,989
18mm F2 XF R.....	E++ / Unused £199 - £239	150mm F4 PS.....	E++ £119	Sigma 100-300mm F4 Apo EX HSM .....	E+ £299	90mm F2.8 G .....	E+ / E++ £149 - £229	Sony NEX3 + 16mm F2.8.....	E++ £179	H2 Complete.....	E+ / E++ £1,599 - £1,989
23mm F1.4 XF R.....	E++ / £549	200mm F4.5 S.....	E+ £99	Sigma 105mm F2.8 EX DG Macro.....	E++ £219	16mm Viewfinder .....	Mint- £199	Sony NEX3 + 18-55mm + Flash.....	E++ £179	H2 Body + Prism + Mag.....	E++ £1,250
27mm F2.8 XF.....	E++ / Unused £219 - £239	500mm F8 S.....	E+ £299	Sigma 120-300mm F2.8 EX DG OS HSM S.E.+ / £1,979	GC-110 Body Case (G2).....	E++ £149	Sony NEX5 + 16mm F2.8.....	E+ £149	H1 Complete.....	E+ £1,199	
35mm F1.4 XF R.....	Mint- £279	2x Teleconverter PS.....	E+ £99	Sigma 170-500mm F4-5.6 Apo.....	E+ £299	GC21 CASE (G2).....	E++ £69 - £79	Sony NEX5 + 18-55mm + 16mm.....	E+ £199	H1 Body + HV90X Prism + 16/32 Back.....	Exc £549
50-230mm F4.5-6.7 OIS XC.....	E++ £159	SQA 220J Mag.....	E+ £75	Sigma 300mm F2.8 Apo .....	Unused £349	G1 Databack.....	E+ £49	Sony NEX7 + 16-50mm.....	E++ £399	H1 Body + HV90 Prism.....	As Seen £499
55-200mm F3.5-4.8 OIS XF.....	E+ £359	AE Prism Finder S.....	E+ / E++ £89 - £99	Sigma 300mm F2.8 APO EX DG HSM.....	E+ £1,689	Goldfeil Leather Holdall.....	Mint- £149	Sony NEX7 + 18-55mm.....	E++ £449 - £499	H1 Body Only.....	E+ / E++ £689
CDS MF Finder S.....	E+ / E++ £64 - £79	Sigma 300mm F4 Apo.....	E+ / E++ £159 - £199	TLA140 Flash.....	E+ / Mint- £35 - £59	Sony NEX7 Body Only.....	E+ £369	H1 Complete.....	E+ £1,199	H101 Digital Back.....	E+ £599
ME Prism Finder S.....	E+ £79	Sigma 500mm F4.5 Apo EX HSM.....	E+ £1,689	Tamron 10-24mm F3.5-4.5 Di II LD Asph.....	E+ / £279	<b>Contax SLR Series</b>		<b>Digital SLR Cameras</b>			
Olympus 7-14mm F4 ED Zuiko .....	E++ £749 - £789	Tamron 28-75mm F2.8 XR Di AF.....	Mint- £219	AX Body Only.....	E+ / E++ £249 - £449	Canon EOS 1DS MkIII Body Only.....		28mm F4 HCD.....	E++ / Mint- £2,450		
Olympus 9-18mm F4-5.6 ED Zuiko.....	E+ £279	Tamron 28-300mm F3.5-6.3 XR Di VC.....	E++ £299	NX Body Only.....	E+ / £129 - £189	Canon EOS 1DS MkII Body Only.....		35mm F3.5 HC.....	E+ / E++ £1,189 - £1,389		
Olympus 11-22mm F2.8-3.5 Zuiko .....	E++ / Mint- £279 - £349	Tamron 55-200mm F4-5.6 Di II .....	E++ £349	RTS3 Body Only.....	E+ £299 - £349	Canon EOS 1DS MkII Body Only .....	Exc / E+ £489 - £499	50mm F3.5 HC.....	E+ / E++ £999 - £1,299		
Olympus 12-60mm F2.8-4 ED SWD.....	E+ £349	Tamron 70-300mm F4-5.6 Di .....	E+ £149	RTX Body Only.....	E+ £149	Canon EOS 1DX Body Only.....		50-110mm F3.5-4.5 HC.....	E+ £1,650 - £1,850		
Panasonic 14-150mm F3.5-5.6 Asph .....	E++ £689	Tamron 70-300mm F4-5.6 Di VC USD.....	E++ £199	S2 Body Only.....	E++ / Unused £450 - £549	Canon EOS 1D MkIV Body Only.....		120mm F4 HC Macro.....	E+ / E++ £1,649 - £1,799		
Olympus 14-35mm F2 SWD.....		Tamron 150-600mm F5-6.3 SP VC USD.....	E++ £749	ST Body Only.....	E+ £229	Canon EOS 1D MkIII Body Only .....	E+ / E++ £589 - £689	150mm F3.2 HC.....	E+ £999		
		Tamron 200-500mm F5-6.3 Di LD AF.....	E++ £499	RTS2 Body + Motordrive.....	E+ £199	Canon EOS 1D MkIII Body Only .....	As Seen £199	1.5x HTS Tilt/Shift Converter.....	Mint- £2,495		
Olympus 14-54mm F2.8-3.5 MkII.....	E++ £199	Tamron 200-500mm F5-6.3 Di LD AF.....	E++ £499	RTS2 Body + Winder.....	E+ £169	Canon EOS 1D MkII Body Only .....		1.7x H Converter.....	E++ / Mint- £599 - £699		
Olympus 14-54mm F2.8-3.5 Zuiko .....	E++ £149 - £249	Tamron 55-200mm F4-5.6 Di .....	E++ £349	RTS2 Body Only.....	E+ £129 - £189	Canon EOS 1D Body Only .....		Gil GPS Module.....	E+ £289		
Panasonic 25mm F1.4 Summilux D .....	E+ / Mint- £349 - £449	Tamron 70-300mm F4-5.6 Di .....	E+ £149	RTS3 Body Only.....	E+ £149	Canon EOS 7D Body Only .....	E+ / E++ £439 - £449	Extension Tube H 13mm.....	E+ £149 - £165		
Olympus 25mm F2.8 Zuiko.....	E++ £139	Tamron 70-300mm F4-5.6 Di VC USD.....	E++ £199	S2 Body Only .....	E++ / Unused £450 - £549	Canon EOS 1D X Body Only .....		Extension Tube H 26mm.....	E+ £149 - £165		
Olympus 30+80mm Grip .....	E+ / £200	Tamron 150-600mm F5-6.3 SP VC USD.....	E++ £749	ST Body Only .....	E+ £229	Canon EOS 1D X Body Only .....		HM 16/32 Insert.....	E+ £59		
Olympus 30+80mm Grip .....	E+ / £200	Tamron 200-500mm F5-6.3 Di LD AF.....	E++ £499	RTS2 Body + Motordrive.....	E+ £199	Canon EOS 1D X Body Only .....		Hm100 Polaroid Mag .....	E+ / E++ £59 - £149		
Olympus 30+80mm Grip .....	E+ / £200	Tamron 200-500mm F5-6.3 Di LD AF.....	E++ £499	RTS2 Body + Winder.....	E+ £169	Canon EOS 1D Body Only .....		Lens Hood 120mm HC .....	E++ £35		
Olympus 30+80mm Grip .....	E+ / £200	Tamron 200-500mm F5-6.3 Di LD AF.....	E++ £499	RTS2 Body Only .....	E+ £129 - £189	Canon EOS 6D Body Only .....		Lens Hood 80mm HC .....	E+ £35		
Olympus 30+80mm Grip .....	E+ / £200	Tamron 200-500mm F5-6.3 Di LD AF.....	E++ £499	RTS3 Body Only .....	E+ £149	Canon EOS 6D Body Only .....		Tripod Quick Coupling H .....	E++ / Mint- £59 - £79		
<b>4/3rds Lenses</b>											
<b>Canon EOS</b>											
Olympus 7-14mm F4 ED Zuiko .....	E++ £749 - £789	Tamron 28-75mm F2.8 XR Di AF.....	Mint- £219	AX Body Only .....	E+ / E++ £249 - £449	Canon EOS 1DS MkIII Body Only .....		28mm F4 HCD.....	E++ / Mint- £2,450		
Olympus 9-18mm F4-5.6 ED Zuiko .....	E+ £279	Tamron 28-300mm F3.5-6.3 XR Di VC .....	E++ £299	NX Body Only .....	E+ / £129 - £189	Canon EOS 1DS MkII Body Only .....		35mm F3.5 HC.....	E+ / E++ £1,189 - £1,389		
Olympus 11-22mm F2.8-3.5 Zuiko .....	E++ / Mint- £279 - £349	Tamron 55-200mm F4-5.6 Di II .....	E++ £349	RTS3 Body Only .....	E+ £299 - £349	Canon EOS 1DS MkII Body Only .....	Exc / E+ £489 - £499	50mm F3.5 HC.....	E+ / E++ £999 - £1,299		
Olympus 12-60mm F2.8-4 ED SWD .....	E+ £349	Tamron 70-300mm F4-5.6 Di .....	E+ £149	RTX Body Only .....	E+ £149	Canon EOS 1DX Body Only .....		50-110mm F3.5-4.5 HC .....	E+ £1,650 - £1,850		
Panasonic 14-150mm F3.5-5.6 Asph .....	E++ £689	Tamron 70-300mm F4-5.6 Di VC USD .....	E++ £199	S2 Body Only .....	E++ / Unused £450 - £549	Canon EOS 1D MkIV Body Only .....		120mm F4 HC Macro .....	E+ / E++ £1,649 - £1,799		
Olympus 14-35mm F2 SWD .....		Tamron 150-600mm F5-6.3 SP VC USD .....	E++ £749	ST Body Only .....	E+ £229	Canon EOS 1D MkIII Body Only .....	E+ / E++ £589 - £689	150mm F3.2 HC .....	E+ £999		
Olympus 14-54mm F2.8-3.5 MkII .....	E++ £199	Tamron 200-500mm F5-6.3 Di LD AF .....	E++ £499	RTS2 Body + Motordrive .....	E+ £199	Canon EOS 1D MkIII Body Only .....		1.5x HTS Tilt/Shift Converter .....	Mint- £2,495		
Olympus 14-54mm F2.8-3.5 Zuiko .....	E+ £149 - £249	Tamron 200-500mm F5-6.3 Di LD AF .....	E++ £499	RTS2 Body + Winder .....	E+ £169	Canon EOS 1D MkIII Body Only .....		1.7x H Converter .....	E++ / Mint- £599 - £699		
Panasonic 25mm F1.4 Summilux D .....	E+ / Mint- £349 - £449	Tamron 55-200mm F4-5.6 Di .....	E+ £149	RTS2 Body Only .....	E+ £129 - £189	Canon EOS 1D MkII Body Only .....		Gil GPS Module .....	E+ £289		
Olympus 25mm F2.8 Zuiko .....	E+ £139	Tamron 55-200mm F4-5.6 Di .....	E+ £149	RTS2 Body Only .....	E+ £129 - £189	Canon EOS 1D Body Only .....		Extension Tube H 13mm .....	E+ £149 - £165		
Olympus 25mm F2.8 Zuiko .....	E+ £139	Tamron 55-200mm F4-5.6 Di .....	E+ £149	RTS3 Body Only .....	E+ £149	Canon EOS 1D Body Only .....		Extension Tube H 26mm .....	E+ £149 - £165		
Olympus 25mm F2.8 Zuiko .....	E+ £139	Tamron 70-300mm F4-5.6 Di .....	E+ £149	RTX Body Only .....	E+ £169	Canon EOS 1DX Body Only .....		HM 16/32 Insert .....	E+ £59		
Olympus 25mm F2.8 Zuiko .....	E+ £139	Tamron 70-300mm F4-5.6 Di .....	E+ £149	RTX Body Only .....	E+ £149	Canon EOS 1D X Body Only .....		Hm100 Polaroid Mag .....	E+ / E++ £59 - £149		
Olympus 25mm F2.8 Zuiko .....	E+ £139	Tamron 70-300mm F4-5.6 Di .....	E+ £149	RTX Body Only .....	E+ £149	Canon EOS 1D X Body Only .....		Lens Hood 120mm HC .....	E++ £35		
Olympus 25mm F2.8 Zuiko .....	E+ £139	Tamron 70-300mm F4-5.6 Di .....	E+ £149	RTX Body Only .....	E+ £149	Canon EOS 1D X Body Only .....		Lens Hood 80mm HC .....	E+ £35		
Olympus 25mm F2.8 Zuiko .....	E+ £139	Tamron 70-300mm F4-5.6 Di .....	E+ £149	RTX Body Only .....	E+ £149	Canon EOS 1D X Body Only .....		Tripod Quick Coupling H .....	E++ / Mint- £59 - £79		
<b>40mm F4-5.6 ED Zuiko .....</b>	<b>E+ £139</b>	<b>Tamron 10-24mm F3.5-4.5 Di II LD Asph .....</b>	<b>E++ £279</b>	<b>AX Body Only .....</b>	<b>E+ / E++ £249 - £449</b>	<b>Canon EOS 1DS MkIII Body Only .....</b>		<b>28mm F4 HCD .....</b>	<b>E++ / Mint- £2,450</b>		
<b>40mm F4-5.6 ED Zuiko .....</b>	<b>E+ £279</b>	<b>Tamron 28-75mm F2.8 XR Di AF .....</b>	<b>Mint- £219</b>	<b>NX Body Only .....</b>	<b>E+ / £129 - £189</b>	<b>Canon EOS 1DS MkII Body Only .....</b>		<b>35mm F3.5 HC .....</b>	<b>E+ / E++ £1,189 - £1,389</b>		
<b>40mm F4-5.6 ED Zuiko .....</b>	<b>E+ £279</b>	<b>Tamron 28-300mm F3.5-6.3 XR Di VC .....</b>	<b>E++ £299</b>	<b>RTS3 Body Only .....</b>	<b>E+ £299 - £349</b>	<b>Canon EOS 1DS MkII Body Only .....</b>	<b>Exc / E+ £489 - £499</b>	<b>50mm F3.5 HC .....</b>	<b>E+ / E++ £999 - £1,299</b>		
<b>40mm F4-5.6 ED Zuiko .....</b>	<b>E+ £279</b>	<b>Tamron 55-200mm F4-5.6 Di .....</b>	<b>E+ £149</b>	<b>RTX Body Only .....</b>	<b>E+ £149</b>	<b>Canon EOS 1DX Body Only .....</b>		<b>50-110mm F3.5-4.5 HC .....</b>	<b>E+ £1,650 - £1,850</b>		
<b>40mm F4-5.6 ED Zuiko .....</b>	<b>E+ £279</b>	<b>Tamron 70-300mm F4-5.6 Di .....</b>	<b>E+ £149</b>	<b>RTX Body Only .....</b>	<b>E+ £149</b>	<b>Canon EOS 1DX Body Only .....</b>		<b>120mm F4 HC Macro .....</b>	<b>E+ / E++ £1,649 - £1,799</b>		
<b>40mm F4-5.6 ED Zuiko .....</b>	<b>E+ £279</b>	<b>Tamron 70-300mm F4-5.6 Di .....</b>	<b>E+ £149</b>	<b>RTX Body Only .....</b>	<b>E+ £149</b>	<b>Canon EOS 1DX Body Only .....</b>		<b>150mm F3.2 HC .....</b> </td			



See up to 3 images of each used item on website  
 Website updates used equipment list 10-15 times daily  
 All items come with 6 month warranty - (unless stated)  
 Our knowledgeable staff are on hand and ready to help

**ffordes**  
photographic

90mm F2 Apo M Black 6bit.....	Exc £1,499	16-85mm F3.5-5.6 G ED VR AFS DX.....	E++ / Mint- £329	Tamron 150-600mm F5-6.3 SP VC USD.....	Mint- £749				
90mm F2 Black.....	E++ £649	17-35mm F2.8 ED AFS.....	E+ £499	Tamron 200-400mm F5.6 AF LD.....	E++ £249				
90mm F2 Chrome.....	E++ £650	17-55mm F2.8 G AFS DX IFED.....	E+ / E++ £459 - £549	Tamron 200-500mm F5-6.3 Di LD AF.....	E+ £489				
90mm F2 M Chrome.....	E++ £989 - £999	18mm F2.8 AFD.....	E++ £649	Tokina 11-16mm F2.8 ATX Pro DX.....	E++ £349				
90mm F2.8 Black.....	As Seen £299	18-35mm F3.5-4.5 AFD.....	Mint- £239	Tokina 12-24mm F4 ATX PRO SD.....	E++ £349				
90mm F2.8 Chrome.....	Exc / E+ £289 - £349	18-55mm F3.5-5.6 G AFS VR.....	E++ £69	.....	E+ / Mint- £259 - £279				
90mm F4 C Elmar.....	E+ £199	18-55mm F3.5-5.6 G AFS VR II.....	E+ £69	Tokina 20-35mm F2.8 ATX Pro.....	E++ £299				
90mm F4 Elmar.....	As Seen / E+ £49 - £99	18-70mm F3.5-4.5 G AFS ED DX.....	E++ £119	Tokina 35mm F2.8 Macro DX ATX.....	E++ £249				
90mm F4 Elmar E39.....	E+ £199 - £249	18-105mm F3.5-4.5 G AFS ED DX VR.....	E+ / Mint- £289 - £349	Tokina 80-400mm F4.5-5.6 ATX.....	E++ £239 - £249				
135mm F2.8 Black.....	E+ / E++ £299 - £349	20mm F2.8 AFD.....	E++ £349	Zeiss 18mm F3.5 ZF.2.....	E++ £789				
135mm F2.8 M Black.....	E++ £389	20-35mm F3.5-5.6 G AFS DX.....	E+ £129	Zeiss 21mm F2.8 ZF.2.....	E++ £799				
135mm F4 Black.....	Exc / E+ £349 - £389	28-100mm F3.5-5.6 G AFS DX VR.....	E+ / Mint- £289 - £349	Zeiss 21mm F2.8 ZF2.....	Mint- £1,049				
135mm F4.5 Hektor.....	As Seen £69 - £99	28-50mm F3.3-4.5 AF.....	E+ £79	Zeiss 35mm F2 ZF2.....	E++ £599				
Tri Elmar 16/18/21 F4 6bit Asph + Finder.....	E++ £3,199	24mm F2.8 AFD.....	E++ £349	Zeiss 85mm F1.4 ZF.....	New £799				
Tri Elmar 28/35/50 F4.....	E++ £2,399 - £2,889	20-35mm F2.8 AFD.....	Exc / E+ £299 - £449	Zeiss 85mm F1.4 ZF.2.....	E+ £749				
18mm Chrome Viewfinder.....	E++ £379 - £399	24mm F2.8 AFD.....	E+ / E++ £189 - £219	Sigma 1.4x Pro EX Converter.....	E++ £99				
21/24/28mm Viewfinder.....	E++ £249	24mm F3.5 ED PC-E.....	E+ £989	Kenko 1.4x Converter DG Pro300.....	E++ £79				
21mm Black Viewfinder.....	E+ £179	24-50mm F3.3-4.5 AF.....	E+ £79	Teleplus 2x Converter.....	Mint- £49				
24mm Black Viewfinder.....	As Seen / Mint- £129 - £249	24-50mm F3.3-4.5 AFN.....	E+ £99	TC-20 EII AFS Converter.....	E++ £259				
Angle Finder M.....	E++ £149	24-120mm F3.5-5.6 ED AFD.....	E+ £99 - £119	TC-20EII Converter.....	E++ £179				
Bellows II.....	E+ £85	28-200mm F3.5-5.6 AFD.....	E++ £129	Metz 54M2i Flash.....	E+ £79				
Macro Adapter M.....	E++ £269	28-300mm F3.5-5.6 G AFS VR.....	E+ £499	Metz 76 M2Z Flash.....	E++ £249				
Motor M.....	E++ £159 - £249	35mm F1.8 G AFS DX.....	E++ £109	Nissin i40 Flashgun.....	Mint £125				
Winder M.....	E+ £75	35mm F2 AFD.....	E++ £199	Nissin Di622 Flashgun.....	Mint- £69				
<b>Mamiya RB67 Series</b>									
Pro S Gold Edition.....	Mint- £749 - £949	35-135mm F3.5-4.5 AF.....	E++ £79	Sigma EF430 Super Flash.....	E+ £39				
Pro Body + WLF.....	E+ £119	50mm F1.4 AFD.....	E++ £189	Sigma EF500 Super Flash.....	E++ / Unused £49 - £75				
75mm F3.5 KL.....	E++ £199	50mm f1.8 AFD.....	E++ £79	Sigma EF530 ST DG TTL Flash.....	E++ £79				
75mm F4.5 S/L Shift.....	E+ £349	50mm F1.8 G AFS.....	E++ / Mint- £109	SB21B Ringflash.....	E+ / E++ £99 - £179				
140mm F4.5 C Macro.....	As Seen £79 - £99	55-200mm F4-5.6 AFS DX G VR.....	E+ / Mint- £99 - £109	SB22 Speedlight.....	E++ £35				
180mm F4.5.....	As Seen £69	55-135mm F3.5-4.5 AFN.....	E+ / Mint- £99 - £109	SB22S Speedlight.....	E+ / E++ £35 - £39				
180mm F4.5 C.....	As Seen / E+ £75 - £99	55-300mm F4.5-5.6 G AFS VR.....	Mint- £189	SB23 Speedlight.....	E++ £29				
250mm F4.5.....	As Seen £79 - £99	60mm F2.8 AFD Micro.....	E++ £249	SB24 Speedlight.....	E+ £39				
250mm F4.5 C.....	As Seen £69	60mm F2.8 AFS ED Micro.....	Mint- £299	SB25 Speedlight.....	E++ £49				
360mm F6.3.....	E+ £199	70-200mm F2.8 G AFS ED VR.....	E+ £689 - £749	SB26 Speedlight.....	E+ / E++ £49 - £59				
Komura 2x Converter.....	E++ £45	70-200mm F2.8 G AFS ED VR II.....	E++ £1,199	SB27 Speedlight.....	E++ £59				
Auto Extension Tube No1.....	E+ / E++ £39 - £55	70-210mm F4-5.6 AFD.....	E+ £89	SB28 Speedlight.....	E+ / Mint- £49 - £89				
Auto Extension Tube No2.....	E+ / E++ £29 - £39	70-210mm F4-5.6 AFN.....	E+ £49	SB28DX Speedlight.....	E++ £69				
Auto Extension Tube No1 (ProSD).....	E++ £49 - £59	70-300mm F4-5.6 AFG.....	E+ £59	SB400 Speedlight.....	E++ £75				
Double Cable Release.....	E++ £25	70-300mm F4-5.6 AFD.....	E+ / E++ £99 - £129	SB50DX Speedlight.....	E+ / E++ £59				
Angle Finder.....	E+ / £79	70-300mm F4-5.6 G AFS VR.....	E+ / E++ £259 - £279	SB600 Speedlight.....	E+ / E++ £119 - £149				
Prism Finder.....	E+ / £79	75-240mm F4-5.6 AFD.....	E+ £89	SB700 Speedlight.....	E+ £169				
Prism Finder Model 2.....	E+ £89	80-200mm F2.8 ED AFD.....	E++ £489	SB800 Speedlight.....	E+ £145				
Pro S 120 Mag.....	E+ £59	80-200mm F2.8 ED AFS.....	E+ £499	SB900 Speedlight.....	E+ / E++ £189 - £229				
Pro S 120 Mag.....	E+ £39	80-200mm F4-5.6 AFD.....	E+ £49	SD8 Battery Pack.....	E++ £35				
Pro S 220 Mag.....	E+ £145	80-400mm F4-5.6 AFD VR.....	E+ / E++ £489	<b>Olympus OM Series</b>					
ProSD 120 Mag.....	E+ £69	85mm F1.4 AFD.....	Exc / E++ £499 - £699	OM2SP Black Body Only.....	E+ £99				
ProSD 120 Mag (6x4.5).....	E+ / Mint- £59 - £69	105mm F2.8 AFD Micro.....	E+ / E++ £299 - £349	OM2N Chrome Body + Winder 2.....	Exc £79				
Polaroid Mag (RB67).....	E+ £29	105mm F2.8 AFS G VR Micro.....	E+ / Mint- £499	OM2N Chrome Body Only.....	E+ £75 - £79				
<b>Mamiya RZ67 Series</b>									
Pro Body + WLF.....	E+ £189	200-400mm F4 G VR AFS IFED.....	E+ / Mint- £2,749 - £2,989	OM1N Chrome Body Only.....	Exc / E+ £59 - £89				
50mm F4.5.....	As Seen / Exc £89 - £350	300mm F4 AFS IFED.....	E+ / E++ £699 - £749	OM10 Body + Winder 2 + T20 Flash.....	Exc £39				
50mm F4.5 W.....	E+ / E++ £189 - £199	500mm F4 P IFED AIS.....	Exc £949	OM10 Chrome Body + Manual Adapter.....	E+ £29				
75mm F4.5 Shift W.....	E+ £399	Samyang 14mm F3.1 T ED AS IF UMC.....	E+ £229	OM10 Chrome Body Only.....	E+ £25				
100-200mm F5.2 W.....	E+ / E++ £249 - £399	Samyang 24mm F1.4 AE ED AS UMC.....	Mint- £379	24mm F2.8 Zuiko.....	E+ £119				
140mm F4.5 Macro W.....	E+ £199 - £259	Schneider 90mm F4.5 PC-TS Makro Symmar.....	E+ £1,949	24mm F3.5 Zuiko Shift.....	E++ £699				
180mm F4.5 WN.....	E+ £89 - £129	Sigma 12-24mm F4.5-5.6 EX DG HSM.....	E+ £349	35-70mm F3.5-4.5 Zuiko.....	E+ £39				
250mm F4.5.....	E+ / £129	Sigma 17-50mm F2.8 EX DC HSM.....	Mint- £239	35-70mm F4 Zuiko.....	As Seen £29				
360mm F6.....	E+ £199	Sigma 17-70mm F2.8-4 DC OS Macro HSM.....	E++ £159	50mm F3.5 Macro Zuiko.....	As Seen £79				
1.4x Converter.....	Exc / E+ £119 - £199	Sigma 18-200mm F3.5-6.3 DC Macro OS HSM C.....	E+ £29	50-250mm F5 Zuiko.....	E+ £299 - £349				
120 Pro Mag.....	E+ £79	Sigma 28-70mm F2.8 EX Asph.....	E+ £149	65-200mm F4 Zuiko.....	E+ £149				
120 Pro Mag (6x4.5).....	E+ £145	Sigma 28-300mm F3.5-6.3 DL.....	As Seen / E+ £49 - £69	80mm F4 Macro Zuiko.....	E+ £175				
NPC Polaroid Mag.....	E+ £35	Sigma 28-300mm F3.5-6.3 DL.....	As Seen / E+ £49 - £69	135mm F2.8 Zuiko.....	Exc £29				
Front Bellows Hood G3.....	Mint- £45	Tamron 17-50mm F2.8 APO DG HSM.....	E+ £499	135mm F3.5 Zuiko.....	E+ £29				
G2 Bellows Lens Hood.....	E+ £29 - £39	Tamron 50-150mm F2.8 APO DG HSM.....	E+ £499	180mm F2.8 Zuiko.....	E+ £225 - £289				
IR1 Infra Red Set.....	E+ £39	Tamron 50-500mm F4.6-3.5 APO DG HSM.....	E+ £349	200mm F4 Zuiko.....	E+ £69				
PD Prism Finder.....	As Seen £79	Tamron 50-150mm F2.8 APO DG HSM.....	E+ £499	50mm F7.2 APO.....	E+ £99				
Tilt/Shift Adapter (RZ67).....	E+ £399	Tamron 50-500mm F4.6-3.5 APO DG HSM.....	E+ £389	Tamron 28-200mm F3.8-5.6 Asph.....	E+ £45				
Winder II.....	Exc / E+ £39 - £49	Tamron 70-300mm F4.6-5.6 APO DG.....	As Seen £39	Tokina 500mm F8 Reflex.....	E+ / E++ £79				
<b>Nikon AF</b>									
F6 Body Only.....	E+ / E++ £589 - £799	Sigma 150-500mm F5-6.3 APO DG OS HSM.....	E+ £449	Viivitar 90mm F2.8 Macro.....	E+ £69				
F5 Anniversary Body Only.....	E+ £699	Sigma 300mm F2.8 APO EX DG HSM.....	E+ £1,689	Power Bounce Grip 2.....	E+ £39				
F5 Body + DA-30 Action Finder.....	E+ £349	Sigma 400mm F5.6 APO.....	E+ £179	T10 Ringflash.....	E+ £75				
F5 Body Only.....	As Seen / E+ £149 - £299	Sigma 500mm F4.5 APO EX DG HSM.....	E+ £2,299	T20 Flash.....	E+ / E++ £9 - £25				
F4E Body Only.....	E+ £179	Tamron 17-50mm F2.8 XR Di II VC LD Asph.....	E++ £249	T28 Flash Head.....	As Seen £49				
F4S Body Only.....	E+ £179	Tamron 18-270mm F3.5-6.3 Di II VC.....	E+ £159	T32 Flash.....	E+ / E++ £15 - £29				
F4 Body Only.....	E+ £149	Tamron 28-200mm F3.8-5.6 Asph.....	Mint- £79	T45 Hammerhead Flash.....	E+ £175				
F90X Body Only.....	E+ £49	Tamron 70-200mm F2.8 Di LD (if Macro).....	E+ £499	<b>LARGEST</b>					
F80 Black Body Only.....	E+ £49	Tamron 70-200mm F2.8 VC USD.....	Mint- £849	<b>OLYMPUS</b>					
10.5mm F2.8 G AF ED DX Fisheye.....	Mint- £369	Tamron 70-300mm F4.5-6 Di.....	E+ £59	<b>OMD E-M10 c/w 14-42mm EZ Pancake Lens</b>					
12-24mm F4 G AFS ED DX.....	E+ £389	Tamron 90mm F2.8 SP Macro AF.....	E+ £159	<b>CLAIM £75 CASHBACK</b>					

We Have Lots More  
Please Call Us

50th Anniversary Wildlife Photography Competition  
sponsored by Ffordes Photographic  
Open to Amateur Photographers nationwide  
in Senior & Junior categories. For full details  
and competition rules see...



<http://scottishwildlifetrust.org.uk/local-member-group/north-of-scotland/>

**LARGEST**



Specialist  
in the  
U.K.



SRP £549  
Ffordes £499  
E-M10 Body Only  
Ffordes £399



9-18mm f4~5.6 M  
Zuiko ED SRP £639.99

Ffordes £459





**FREE** Lowepro® Rezo 180 AW  
worth £49 with the following:

**Nikon**  
**D3200**  
Body



SAVE £323  
£236  
RRP £559

D3200 & 18-55mm VR ..... RRP £649 SAVE £360 £289  
D3200 & **TAMRON** 16-300mm f3.5-6.3 Di II VC PZD ..... RRP £725 SAVE £50 £675  
D3200 & **TAMRON** 18-270mm f3.5-6.3 Di II VC PZD RRP £1,224 SAVE £685 £539

**Nikon**  
**D3300**  
Body



SAVE £164  
£335  
RRP £499

D3300 & 18-55mm VR II ..... RRP £599 SAVE £210 £389  
D3300 & 18-55mm VR II & 55-200mm VR II ..... RRP £799 SAVE £280 £519  
D3300 & **TAMRON** 16-300mm f3.5-6.3 Di II VC PZD RRP £1,050 SAVE £261 £789  
D3300 & **TAMRON** 18-270mm f3.5-6.3 Di II VC PZD RRP £1,163 SAVE £523 £640

**Nikon**  
**D5300**  
Body



SAVE £250  
£479  
RRP £729

D5300 & 18-55mm VR ..... RRP £829 SAVE £280 £549  
D5300 & **TAMRON** 18-140mm f3.5-5.6G ED DX VR ..... RRP £1,258 SAVE £559 £699  
D5300 & **TAMRON** 18-270mm f3.5-6.3 Di II VC PZD RRP £1,393 SAVE £604 £789

**Nikon** **D810**  
Body



£400  
TRADE-IN  
BONUS

SAVE £350  
£2,349  
RRP £2,699

**Nikon** **D750**  
Body



FREE Manfrotto  
Advanced Zoomster  
Medium  
worth £30

£1,739



**Nikon** B-STOCK JUST LIKE NEW! (Maybe a scuffed box or opened) → **LIMITED STOCK** → **6 MONTHS GUARANTEE**

**Nikon** B-STOCK  
**D3100**  
& 18-55mm VR



SAVE £XXX  
£199  
RRP £XXX

**Nikon** B-STOCK  
**D3300**  
& 18-55mm VR II



SAVE £279  
£320  
RRP £599

**Nikon** B-STOCK  
**D5100**  
& 18-55mm VR



SAVE £XXX  
£249  
RRP £XXX

**Nikon** B-STOCK  
**D5200**  
& 18-55mm VR



SAVE £490  
£329  
RRP £819

**Nikon** B-STOCK  
**D5200**  
& 18-55mm VR II



SAVE £470  
£349  
RRP £819

**Nikon** B-STOCK  
**D5300**  
& 18-55mm VR



SAVE £430  
£399  
RRP £829

**CHECK OUT OUR *Nikon* B-STOCK LENSES ONLINE!**

# Get a **FREE** **Canon** Accessory Kit with the **EOS 700D** All configurations



## Accessory Kit with the **EOS 700D** All configurations

# Canon EOS 700D & 18-135mm IS STM



# Canon EOS 700D



# Canon EOS 700D & 18-55mm IS STM



# Canon EOS 700D

## 18-55mm IS STM

## 55-250mm IS STM



# Canon EOS 700D

## 18-135mm IS STM 40mm STM



# Get ready to travel!



**TRAVEL CAMERAS**

- Panasonic TZ60** - **£239** (SAVE £160, RRP £399) - **FREE Accessories worth £40 & Extended Warranty**
- GoPro HERO3+ Silver** - **£209** (SAVE £50, RRP £259)
- SONY HX90V** - **£349** (30X ZOOM ZEISS® LENS, Pop-up viewfinder)
- Canon SX710** - **£279** (SAVE £50, RRP £329) - **30X COMPACT ZOOM**

**TRAVEL LENSES**

- TAMRON 18-270mm f3.5-6.3 Di II VC PZD** - **£269** (SAVE £395, RRP £664)
- TAMRON 16-300mm f3.5-6.3 Di II VC PZD** - **£448** (SAVE £81, RRP £529)
- SIGMA 18-250mm f3.5-6.3 DC Macro OS HSM** - **£249\*** (SAVE £250\*, RRP £499)
- SIGMA 18-300mm f3.5-6.3 DC Macro CONTEMPORARY** - **£399** (SAVE £100, 499.99) - **NEW**

**TRAVEL TRIPODS**

- Velbon Ultrek UT-43D II & QHD-43D Ball Head** - **£109** (SAVE £70, RRP £179)
- VANGUARD Veo 235AB** - **£134** (NEW)
- Mefoto BackPacker** - **£119** (SAVE £16, RRP £135)
- Manfrotto Befree Aluminium** - **£149** (SAVE £21, RRP £170) - **Black & colours**

**TRAVEL BAGS**

- Lowepro Passport Sling III** - **£49**
- VANGUARD VEO 37 Shoulder Bag** - **£69** - **Holds Travel Tripod**
- Manfrotto Off Road Hiker 30L Backpack** - **£169** - **FREE Manfrotto OFF ROAD Walking Sticks worth £79**
- Manfrotto Advanced Travel Backpack** - **£69** - **HOLDS BEFREE TRIPOD**

**PLUS LOTS MORE GREAT DEALS [ONLINE!](#)**

Goods and delivery services subject to stock and availability. Prices subject to change. Pictures are for illustration purposes only. All prices include VAT@ 20%. E. & O.E.

0207 636 5005 LONDON  
14 Wells Street (off Oxford Street)  
London W1T 5PR

01245 255510 **CHELMSFORD**  
High Chelmer Shopping Centre  
Chelmsford, Essex CM1 1XB

 [www.cameralworld.co.uk](http://www.cameralworld.co.uk)

# Canon

## EOS FULL FRAME

<b>1DX</b>	body.....£4449
<b>5Ds R</b>	body.....£3198
<b>5Ds</b>	body.....£2998
<b>5D MKIII</b>	body.....£2198
plus 24-105 IS	£2699
BG-E11 grip.....	£248
<b>6D</b>	body.....£1149
plus 24-105 IS STM	£1699
BG-E13 grip.....	£159



## EOS APS-C

<b>7D MKII</b>	body.....£1428
BG-E16 grip.....	£228
<b>70D</b>	body.....£742
plus 18-55 STM.....	£772
plus 18-135 STM.....	£988
BG-E14 grip.....	£139
<b>760D</b>	body.....£647
plus 18-135 STM.....	£899
<b>750D</b>	body.....£597
plus 18-55 STM.....	£688

Ask about our £150 part ex bonus against 7D MKII

## MIFSUDS ARE CANON PROFESSIONAL STOCKISTS

### EOS 5Ds

body  
£2998



### EOS 5Ds R

body  
£3198



100-400 f4.5/5.6  
IS LII  
USM  
£1998



# Nikon

## NIKON FULL FRAME

<b>D4S</b>	body.....£4444
<b>D810</b>	body.....£2347
MBD-12 grip (D810/800/E) ..	£279
<b>D750</b>	body.....£1747
plus 24-120 F4 VR.....	£2289
MBD-16 grip .....	£229
<b>D610</b>	body.....£1198
MBD-14 grip (D610/600) ...	£198

## NIKON APS-C

<b>D7200</b>	body.....£919
plus 18-105 VR.....	£1096
MBD-15 grip .....	£228
Please register to receive our email newsletter - just send an email to <a href="mailto:info@mifsuds.com">info@mifsuds.com</a>	
<b>D5500</b>	body.....£597
plus 18-55 VR.....	£635
plus 18-140 VR.....	£869
<b>D3300</b>	body.....£359
plus 18-55 VR.....	£384

# FUJIFILM

X-T1 blk	18-135mm F3.5/5.6 XF £597
+ 18-135mm .....	£1248
X-T1 blk + 18-55mm £1178	23mm F1.4 XF.....£647
X-T1 body blk .....	£878
X-E2 + 18-55mm OIS £728	35mm F1.4 XF.....£378
X-E2 body.....	50-140mm F2.8
£499	R OIS.....£1098
10-24mm F4 XF.....	55-200mm OIS XF.....£494
14mm F2.8 XF.....	56mm F1.2 R APD.....£998
16mm F1.4 XF.....	56mm F1.2 XF.....£728
16-55mm F2.8.....	60mm F2.4 XF.....£424
18mm F2 XF.....	£349
18-55mm OIS no box. £379	X100T Black/Silver ..£875
	X30 Black/Silver ..£398

# SIGMA

10-20 F3.5 EX DC HSM ..	£388
10-20 F4/5.6 EX DC HSM	£338
17-50 F2.8 EX DC OS HSM.	£289
17-70 F2.8/4 DC OS HSM	£327
18-35 F1.8 DC HSM ..	£619
18-300 F3.5/6.3 DC OS mac.	£399
24 F1.4 DG HSM Art ..	£799
24-70 F2.8 EX IF DG HSM.	£579
35 F1.4 DG HSM ..	£636
50 F1.4 EX DG HSM Art ..	£647

**SIGMA**  
3 YEAR UK WARRANTY

## Panasonic TO CLEAR

GH4 + 14-140mm f3.5/5.6 OIS .....	£1499
7-14mm f4.....	£799
12-35mm f2.8 OIS...	£699
35-100mm f2.8 OIS.	£799
100-300mm f4/5.6...	£389
FZ1000 .....	£639
LX100 .....	£627
TZ70 .....	£347

## TAMRON

16-300 f3.5/6.3 Di II VC PZD .....	£479
150-600 f5/6.3 SP .....	£898
VC USD .....	£898
<b>Kenko Converters</b>	
1.4x Pro 300 DGX ..	£149
2x Pro 300 DGX ..	£149
Auto ext tube set .....	£99

## PART EXCHANGE WELCOME

Use your unwanted equipment to purchase the latest models. We always offer a fair price - quoted quickly.

## WE PART EXCHANGE, BUY FOR CASH OR COMMISSION SALE

Collection can be arranged, contact us at [info@mifsuds.com](mailto:info@mifsuds.com) or ring 01803 852400

QUALITY USED EQUIPMENT. See website for full list. Call us for condition and to buy secondhand stock. 6 Month warranty on most secondhand.

**5 x 4 USED**

Walker Titan XL M-...£779

**BRONICA ETRS 645 USED**

ETRS body .....£99

40 F4 MC .....£149

45-90 F4/5.6 PE box .....£449

60 F2.8 PE .....£199

100 F4 PE macro .....£249

100 F4 E macro .....£199

105 F3.5 .....£99

135 F4 PE .....£199

150 F3.5 E .....£99

150 F3.5 PE M- Box.£149

200 F4.5 PE .....£199

2x extender E .....£79

E14, 28 or 42 ext tube .....£49

120 RFH .....£69

Polaroid Back .....£25

WLF .....£69

Rotary prism .....£129

AEIII prism .....£179

AEII Prism .....£79

Plain Prism E .....£29

Angle viewfinder E .....£129

Winder early .....£79

Speed Grip E .....£39

Tripod adapter E .....£39

Winder early .....£49

Metz SCA 386 .....£49

**BRONICA SQ 6x6 USED**

40 F4 S .....£299

50 F3.5 S .....£149

135 F4 PS M- .....£249

150 F3.5 S .....£79

150 F4 PS .....£149/199

200 F4.5 PS M- box.£199

2x PS converter M-..£179

Polaroid back .....£25

SQAi 120 RFH .....£79

SQA 120 RFH .....£49

SQA 135N back.....£119

Plain Prism S Boxed ..£69

AE Prism Early .....£79

ME Prism Finder .....£69

Metz SCA 386 .....£49

Pro shade S .....£59

Lens Hood 65-80 .....£20

SQAi Motorwinder.£149

Speed grip S .....£69

**CANON DIGITAL AF USED**

1D MKIV body box.£1799

1D MKIV body .....£1299

1D MKIIS body .....£1599

1D MKII body box .....£299

7D MKII body M- box.£1199

7D body .....£399/499

5D MKII body box .....£999

5D MKI body box .....£399

50D body box .....£299

40D body .....£199

20D body .....£129

550D body box .....£249

450D body .....£179

350D body .....£99

300D body .....£79

BG-E1....£39 BG-E2..£39

BG-E2N.....£59

BG-ED3.....£39

BG-E4 .....£49

BG-E5 .....£49

BG-E6 box .....£119

BG-E7 .....£99

BG-E16 Mint box .....£199

G12 compact box.£219

G11 compact box.£199

SX60 compact .....£269

**CANON AF USED**

EOS 1V body .....£299

EOS 3 + PB-E2 .....£239

EOS 3 + BP-E1 .....£199

EOS 3 .....£149

EOS 1n body .....£129

EOS 3 body .....£129

EOS 5 body .....£39

EOS 300V/650 b/o ea.£29

EOS 600/body .....£20

8-15 F4 L box. ....£799

10-22 F3.5/4.5 U .....£349

16-35 F2.8 LII box. ....£739

**CANON MF FD USED**

A1 body .....£79

FX body .....£49

24 F2.8 FD .....£79

28 F2.8 FD .....£49

50 F1.4 FD .....£99

80-200 F4 .....£69

135 F3.5 BL .....£39

18-55 F3.5/5.6 EFS. ....£59

18-135 F3.5/5.6 IS STM.£249

18-55 F3.5/5.6 IS .....£219

20 F2.8 USM .....£279

24 F2.8 IS USM .....£369

24 F3.5 L TSE box .....£799

Winder A .....£19

24-70 F2.8 .....£699

24-70 F4 L IS U M-....£599

24-85 F3.5/4.5 U .....£499

silv/blk .....£149

18-270 F2.8 L .....£499

28-70 F2.8 L .....£499

28-90 F3.5/5.6 .....£79

35 F1.4 L M- box. ....£799

40 F2.8 STM .....£99

50 F1.2 U M- box .....£899

50 F1.4 U .....£239

50 F1.8 MKI .....£149

50 F2.5 mac box .....£479

55-250 F4/5.6 .....£199

60 F2.4 XF .....£299

X10 black box .....£179

HS20.....£129

HS10 box .....£79

**FUJI MED FORMAT USED**

GSW690 III .....£679

**HASSELBLAD XPN USED**

50 F5.6 M- box .....£89

85 F1.2 L MKI M- .....£949

100 F2.8 IS U .....£499

100 F2.8 IS U Macro .....£499

100 F4.5 PE .....£199

100-400 F4.5/5.6 .....£69

120 RFH .....£69

120 RFH .....£69

135 F4 PE .....£199

150 F3.5 E .....£99

150 F3.5 PE M- Box.£149

200 F4.5 PE .....£199

2x extender E .....£79

E14, 28 or 42 ext tube .....£49

120 RFH .....£69

Polaroid Back .....£25

WLF .....£69

Rotary prism .....£129

AEIII prism .....£179

AEII Prism .....£79

Plain Prism E .....£29

Angle viewfinder E .....£129

Winder early .....£79

Speed Grip E .....£39

Tripod adapter E .....£39

Winder early .....£49

Metz SCA 386 .....£49

**BRONICA SQ 6x6 USED**

40 F4 S .....£299

50 F3.5 S .....£149

135 F4 PS M- .....£249

150 F3.5 S .....£79

BP-E1 batt pack .....£49

BP-50 .....£20

2x ext MKIII box .....£269

LC-4 wireless kit .....£89

Polaroid back .....£25

Angle finder C .....£99

2x ext MKII box .....£189

NC1 prism .....£69

Kenko 1.5x conv .....£59

Kenko Pro 300 .....£29

WLF .....£69

1.4x ext MKIII box .....£269

1.4x ext MKII box .....£189

1.4x ext MKI box .....£189

1.4x ext tube .....



We are a small, family owned and run company, specialising in photographic consumables - and proud winners of a 2013 Good Service Award. We are located in Leamington Spa, in the heart of Warwickshire - if you are passing, please pop into our shop, and meet Cooper - our new office dog!



01926 339977 [www.premier-ink.co.uk](http://www.premier-ink.co.uk)

## PRINTER INK CARTRIDGES



# EPSON

## COMPATIBLE & ORIGINAL INK



At Premier Ink Supplies, we stock two types of cartridges for Epson printers - **Originals**, which are made by Epson, and **Compatibles**, which are made by a UK company called **Jet Tec**. Using **Jet Tec Compatibles** is a way of saving money, without compromising on the quality of your prints. Here're the results from two **independent** ink tests that agree...



**Ink Test Winner**



"Jet Tec's colours were superb, with single greys and blacks very close to Epson ...so Jet Tec wins!"

- Total Digital Photography Magazine

"What we're looking at here is not only the best choice of ink for the R300 printer, but also the best ink in this group test, period. There's just no getting away from the superb combination of performance and pricing"

- Computer Upgrade Magazine

Cartridge Code:	Originals:	Jet Tec Compatibles:	Suitable EPSON Printers:
T007 Black	£29.99 16ml	£3.99 20ml, 3 for £10.99	Photo 790, 870, 890, 895, 900, 915, 1290
T008 Colour	£23.99 46ml	£4.99 50ml, 3 for £13.99	Photo 790, 870, 890, 895, 915
T009 Colour	£29.99 66ml	£4.99 70ml, 3 for £13.99	Photo 900, 1270, 1290
T026 Black	£39.99 16ml	£3.99 20ml, 3 for £10.99	Photo 810, 830, 830u, 925, 935
T027 Colour	£29.99 46ml	£4.99 50ml, 3 for £13.99	
T0341-T0347 Set of 7	£126.99 9 set of 7	Check Website.	Photo 2100
T0341/8, each	£15.99 17ml	Check Website.	<b>Chameleon Inks</b>
T0342/3/4, each	£18.99 17ml	Check Website.	
T0345/6/7, each	£18.99 17ml	Check Website.	
T0441-T0454 Set of 4	£49.99 set of 4	£14.99, 3 sets for £42.99	C64, C66, C84, C86, CX3600/3650, CX6400, CX6600
T0441 Black	£21.99 13ml	£4.99 21ml, 3 for £13.99	<b>Parasol Inks</b>
T0452/3/4, each	£11.99 8ml	£3.99 21ml, 3 for £10.99	R200, R220, R300, R320, R340
T0481-T0486 Set of 6	£69.99 set of 6	£19.99, 3 sets for £56.99	RX500, RX600, RX620, RX640
T0481/2/3, each	£16.99 13ml	£3.99 21ml, 3 for £10.99	<b>Seahorse Inks</b>
T0484/5/6, each	£16.99 13ml	£3.99 21ml, 3 for £10.99	Photo R800, R1800
T0540-T0549 Set of 8	£109.99 9 set of 8	£35.99, 3 sets for £99.99	<b>Frog Inks</b>
T0540 Gloss	£8.99 13ml	£3.99 21ml, 3 for £13.99	
T0541/2/3/4, each	£14.99 13ml	£4.99 21ml, 3 for £13.99	
T0547/8/9, each	£14.99 13ml	£4.99 21ml, 3 for £13.99	
T0551-T0554 Set of 4	£34.99 set of 4	£14.99, 3 sets for £42.99	Photo R240, R245, RX420, RX425, RX520, RX525
T0551 Black	£8.99 8ml	£4.99 21ml, 3 for £10.99	<b>Duck Inks</b>
T0552/3/4, each	£8.99 8ml	£3.99 21ml, 3 for £10.99	Photo R2400
T0591-T0599 Set of 8	£99.99 8 set of 8	Check Website.	<b>Lilly Inks</b>
T0591/2/3, each	£12.99 13ml	Check Website.	
T0594/5/6, each	£12.99 13ml	Check Website.	
T0597/8/9, each	£12.99 13ml	Check Website.	
T0611-T0614 Set of 4	£34.99 set of 4	£14.99, 3 sets for £42.99	D68, D88, DX3800/3850, DX4200/4250, DX4800/4850
T0611 Black	£8.99 8ml	£4.99 21ml, 3 for £13.99	<b>Teddy Bear Inks</b>
T0612/3/4, each	£8.99 8ml	£3.99 21ml, 3 for £10.99	
T0711-T0714 Set of 4	£34.99 set of 4	£14.99, 3 sets for £42.99	S20, S21, SX100/105/110/115/200/205/210/215
T0711 Black	£8.99 7.4ml	£4.99 13ml, 3 for £13.99	SX400/405/415/515, D78/92/120, B40W, BX300
T0712/3/4, each	£8.99 5.5ml	£3.99 13ml, 3 for £10.99	DX4000/4400/5000/6000/7000/7400/8400/9400
T0791-T0796 Set of 6	£74.99 set of 6	Check Website.	Photo 1400
T0791/2/3, each	£12.99 10ml	Check Website.	<b>Owl Inks</b>
T0794/5/6, each	£12.99 10ml	Check Website.	
T0801-T0806 Set of 6	£51.99 set of 6	£19.99, 3 sets for £57.99	Photo P50, PX650/660/700W/710W/720WD, PX730WD/800FW/810FW/830FWD/830FWD R265/285/360, RX560/585/685
T0801/2/3, each	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	
T0840/5/6, each	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	
T0870-T0879 Set of 8	£74.99 set of 8	Check Website.	Photo R1900
T0870 Gloss	£7.99 11.4ml	Check Website.	<b>Flamingo Inks</b>
T0871/2/3/4, each	£9.99 11.4ml	Check Website.	
T0877/8/9, each	£9.99 11.4ml	Check Website.	
T0961-T0969 Set of 8	£74.99 set of 8	Check Website.	Photo R2880
T0961/2/3/4/5, each	£9.99 11.4ml	Check Website.	<b>Husky Inks</b>
T0966/7/8/9, each	£9.99 11.4ml	Check Website.	
T1281-T1284 Set of 4	£29.99 4 set of 4	£14.99 4 set of 4	S22, SX125/130, SX420W/425W/445W, BX305F, <b>Fox Inks</b>
T1281 Black	£7.99 5.9ml	£4.99 13ml	SX420W/425W/445W/525WD/620FW, BX305F/320FW/525WD/535WD/625FW/630FW, BX635FW/BX925FW/BX935FW, B42WD
T1282/3/4, each	£7.99 3.5ml	£3.99 10ml	Photo R3000 <b>Turtle Inks</b>
T1291-T1294 Set of 4	£42.99 4 set of 4	£16.99 4 set of 4	Photo R2000 <b>Kingfisher Inks</b>
T1291 Black	£10.99 11.2ml	£5.49 16ml	Photo RX700 <b>Penguin Inks</b>
T1292/3/4, each	£10.99 7ml	£4.49 13ml	Photo Pro 3800, 3880
T1571-9, each	£20.99 25ml each	£164.99 8 set of 8	Workforce WF-2010W, 2510WF, 2520NF, 2530WF, 2540WF
T1591-9, each	£14.99 17ml each	£107.99 8 set of 8	<b>Fountain Pen Inks</b>
T5591-6, each	£13.99 13ml each	£74.99 6 set of 6	Workforce WF-2010W, 2510WF, 2520NF, 2530WF, 2540WF
T5801-9, each	£41.99 80ml each	£329.99 8 set of 8	<b>High Capacity Fountain Pen Inks</b>
No.16 Set of 4	£24.99 set of 4	£14.99 set of 4	Expression Home XP30, XP102, XP202, XP205, XP302, XP305, XP402, XP405
No.16 Black	£7.99 5.4ml	£4.99 18ml	<b>Daisy Inks</b>
No.16 C/M/Y, each	£5.99 3.1ml	£3.99 13ml	Expression Home XP30, XP102, XP202, XP205, XP302, XP305, XP402, XP405
No.16XL Set of 4	£44.99 4 set of 4	£14.99 4 set of 4	<b>High Capacity Daisy Inks</b>
No.16XL Black	£14.99 12.9ml	£4.99 18ml	Expression Photo XP750, XP850
No.16XL C/M/Y, each	£11.99 6.5ml	£3.99 13ml	<b>Elephant Inks</b>
No.18 Set of 4	£22.99 set of 4	£14.99 set of 4	Expression Photo XP750, XP850
No.18 Black	£7.99 5.2ml	£4.99 18ml	<b>High Capacity Elephant Inks</b>
No.18 C/M/Y, each	£5.99 3.3ml	£3.99 13ml	Expression Premium XP600, XP605, XP700, XP800
No.18XL Set of 4	£46.99 4 set of 4	£14.99 4 set of 4	<b>Polar Bear Inks</b>
No.18XL Black	£14.99 11.5ml	£4.99 18ml	Expression Premium XP600, XP605, XP700, XP800
No.18XL C/M/Y, each	£11.99 6.6ml	£3.99 13ml	<b>High Capacity Polar Bear Inks</b>
No.24 Set of 6	£44.99 set of 6	£14.99 set of 6	NEW
No.24 B/LC/LM, each	£7.99 5.1ml	£4.99 18ml	NEW
No.24 C/M/Y, each	£7.99 4.6ml	£4.99 18ml	NEW
No.24XL Set of 6	£69.99 set of 6	£14.99 set of 6	NEW
No.24XL B/LC/LM, each	£11.99 9.8ml	£4.99 18ml	NEW
No.24XL C/M/Y, each	£11.99 8.7ml	£4.99 18ml	NEW
No.24 Set of 4 (no PB)	£30.99 set of 4	£14.99 set of 4	NEW
No.26 Black	£8.99 6.2ml	£4.99 18ml	NEW
No.26 Photo Black	£7.99 4.7ml	£4.99 18ml	NEW
No.26 C/M/Y, each	£7.99 4.5ml	£4.99 18ml	NEW
No.26XL Set of 4 (no PB)	£54.99 set of 4	£14.99 set of 4	NEW
No.26XL Black	£14.99 12.1ml	£4.99 18ml	NEW
No.26XL Photo Black	£13.99 8.7ml	£4.99 18ml	NEW
No.26XL C/M/Y, each	£13.99 9.7ml	£4.99 18ml	NEW

If you cannot find the ink cartridges for your printer, please check our website, or give us a call, and we'll do our best to help.

We stock what is probably the UK's largest range of ink cartridges and photo paper, including wide format ink cartridges and roll papers.

E&OE. Prices may be subject to change, but hopefully not!

## Canon

### Canon Originals

BCi6 All colours, 13ml, each	<b>£8.99</b>
PGi2 Black 26ml	<b>£12.99</b>
CLI8 All colours, 13ml, each	<b>£10.99</b>
CLI42 All colours, 13ml, each	<b>£10.99</b>
CLI42 <b>Set of 8</b>	<b>£79.99</b>
PGi9 All colours, 14ml, each	<b>£9.99</b>
PGi9 <b>Set of 10</b>	<b>£89.99</b>
PGi29 All colours, 36ml, each	<b>£22.99</b>
PGi29 <b>Set of 12</b>	<b>£269.99</b>
PGi72 All colours, 14ml, each	<b>£10.99</b>
PGi72 <b>Set of 10</b>	<b>£99.99</b>
PGi520 Black 19ml	<b>£10.99</b>
CLI521 B/C/M/Y/GY 9ml	<b>£9.99</b>
PGi550/CLi551 <b>Set of 5</b>	<b>£46.99</b>
PGi550 Black 15ml	<b>£10.99</b>
CLI551 B/C/M/Y/GY 7ml	<b>£8.99</b>
PGi550/CLi551 <b>Set of 5</b>	<b>£42.99</b>
PG40 Black 16ml	<b>£14.99</b>
PG50 Black 22ml	<b>£21.99</b>
PG510 Black 9ml	<b>£11.99</b>
PG512 Black 15ml	<b>£16.99</b>
PG540XL Black 21ml	<b>£17.99</b>
PG545XL Black 15ml	<b>£16.99</b>
CL41 Colour 12ml	<b>£18.99</b>
CL511 Colour 9ml	<b>£15.99</b>
CL513 Colour 13ml	<b>£20.99</b>
CL541XL Colour 15ml	<b>£19.99</b>
CL546XL Colour 13ml	<b>£18.99</b>

### Canon Compatibles

BCi6 All colours, 15ml, each	<b>£2.99</b>
PGi5 Black 29ml	<b>£4.99</b>
CLI8 B/C/M/Y/PC/PM 15ml	

# Lowering the Cost of Photography

Orders are shipped promptly by Royal Mail 1st class post, for which we charge just £1.99 per order. All prices **include VAT**, and a full VAT receipt is provided with every order. Payment accepted by credit/debit card, cheque or postal order. Orders accepted securely online, [www.premier-ink.co.uk](http://www.premier-ink.co.uk), over the telephone, 01926 339977, by post, or by visiting our shop: Premier Ink & Photographic, Longfield Road, Sydenham Ind Estate, Leamington Spa, CV31 1XB.

01926 339977 [www.premier-ink.co.uk](http://www.premier-ink.co.uk)



Premier  
Ink & Photographic

Winners of an Amateur Photographer 2013 "Good Service Award"

## MEMORY

## BATTERIES

## SCREW-IN FILTERS

## TRIPODS

## BAGS

### SanDisk

<b>Sandisk Blue SDHC Class 4 5MB/s</b>	<b>£3.99</b>
2GB 5MB/s	£4.49
4GB 5MB/s	£4.99
8GB 5MB/s	£8.99

<b>Sandisk Ultra SDHC Class 6 30MB/s</b>	<b>£5.99</b>
4GB 30MB/s	£6.99
8GB 30MB/s	£10.99
32GB 30MB/s	£19.99

<b>Sandisk Extreme SDHC Class 10 UHS-1, 30 &amp; 45MB/s</b>	<b>£7.99</b>
4GB 30MB/s	£9.99
8GB 30MB/s	£14.99
16GB 45MB/s	£26.99
32GB 45MB/s	£57.99

<b>NEW Sandisk Extreme 80 SDHC UHS-1 Class 10 80MB/s</b>	<b>£14.99</b>
8GB 80MB/s	£22.99
16GB 80MB/s	£42.99
32GB 80MB/s	£84.99

<b>Sandisk Ultra Compact Flash 30MB/s</b>	<b>£13.99</b>
4GB 30MB/s	£19.99
16GB 30MB/s	£34.99

<b>Sandisk Extreme Compact Flash 60MB/s</b>	<b>£27.99</b>
8GB 60MB/s	£45.99
16GB 60MB/s	£76.99
64GB 60MB/s	£139.99

<b>Sandisk Extreme Pro Compact Flash 90MB/s</b>	<b>£72.99</b>
16GB 90MB/s	

<b>Sandisk Ultra MicroSDHC Class 10 30MB/s</b>	<b>£7.99</b>
8GB 30MB/s	£12.99
32GB 30MB/s	£24.99
64GB 30MB/s	£48.99

<b>Sandisk Cruzer Blade USB Pen Drives</b>	<b>£4.99</b>
8GB USB 2.0	£7.99
16GB USB 2.0	£15.99

<b>Lexar Professional SDHC Class 10, UHS-1 400X, 60MB/s</b>	<b>£11.99</b>
8GB 60MB/s	£17.99
16GB 60MB/s	£32.99

<b>Lexar Professional Compact Flash 800X, 120MB/s</b>	<b>£24.99</b>
8GB 120MB/s	£39.99
32GB 120MB/s	£69.99

<b>Lexar Professional Dual Slot Reader SD &amp; Compact Flash</b>	<b>£25.99</b>
USB3.0 Reader 500MB/s	

<b>DELKIN DEVICES</b>	<b>£16.99</b>
Delkin Professional Compact Flash 500X, 75MB/s	£27.99
8GB 75MB/s	£46.99

<b>Waterproof Memory Card Storage Totes</b>	<b>£6.99</b>
SD Tote Holds 8 SD cards	£6.99

<b>Universal Memory Card Readers</b>	<b>£9.99</b>
USB2.0 Reader 30MB/s	£9.99

<b>USB3.0 Reader 500MB/s</b>	<b>£19.99</b>
------------------------------	---------------

## BATTERIES

### Camera Batteries

A comprehensive range of rechargeable Li-ion batteries. Manufactured by respected independent battery manufacturers Energizer, Hahnel and Blumax. All batteries come with a 2 year guarantee.

<b>NB-2L/LH for Canon</b>	<b>£9.99</b>
<b>NB-4L for Canon</b>	<b>£9.99</b>
<b>NB-5L for Canon</b>	<b>£9.99</b>
<b>NB-6L for Canon</b>	<b>£9.99</b>
<b>NB-7L for Canon</b>	<b>£12.99</b>
<b>NB-9L for Canon</b>	<b>£9.99</b>
<b>NB-10L for Canon</b>	<b>£12.99</b>
<b>NB-11L for Canon</b>	<b>£12.99</b>
<b>BP-511 for Canon</b>	<b>£12.99</b>
<b>LP-E5 for Canon</b>	<b>£12.99</b>
<b>LP-E6 for Canon</b>	<b>£19.99</b>
<b>LP-E8 for Canon</b>	<b>£15.99</b>
<b>LP-E10 for Canon</b>	<b>£12.99</b>
<b>LP-E12 for Canon</b>	<b>£12.99</b>
<b>NP45 for Fuji</b>	<b>£9.99</b>
<b>NP50 for Fuji</b>	<b>£9.99</b>
<b>NP95 for Fuji</b>	<b>£9.99</b>
<b>NPW126 for Fuji</b>	<b>£17.99</b>
<b>NP400 for Minolta</b>	<b>£12.99</b>
<b>EN-EL1 for Nikon</b>	<b>£9.99</b>
<b>EN-EL3E for Nikon</b>	<b>£14.99</b>
<b>EN-EL5 for Nikon</b>	<b>£9.99</b>
<b>EN-EL9 for Nikon</b>	<b>£12.99</b>
<b>EN-EL10 for Nikon</b>	<b>£9.99</b>
<b>EN-EL11 for Nikon</b>	<b>£9.99</b>
<b>EN-EL12 for Nikon</b>	<b>£9.99</b>
<b>EN-EL14 for Nikon</b>	<b>£19.99</b>
<b>EN-EL15 for Nikon</b>	<b>£24.99</b>
<b>EN-EL19 for Nikon</b>	<b>£12.99</b>
<b>EN-EL20 for Nikon</b>	<b>£14.99</b>
<b>EN-EL21 for Nikon</b>	<b>£14.99</b>
<b>Li10B/12B for Olympus</b>	<b>£9.99</b>
<b>Li40B/42B for Olympus</b>	<b>£9.99</b>
<b>Li50B for Olympus</b>	<b>£12.99</b>
<b>BLM-1 for Olympus</b>	<b>£12.99</b>
<b>BLN-1 for Olympus</b>	<b>£24.99</b>
<b>BLS-1 for Olympus</b>	<b>£12.99</b>
<b>BLS-5 for Olympus</b>	<b>£15.99</b>
<b>CGR-S006 for Panasonic</b>	<b>£9.99</b>
<b>CGA-S007 for Panasonic</b>	<b>£9.99</b>
<b>DMW-BCG10 for Panasonic</b>	<b>£19.99</b>
<b>DMW-JC13 for Panasonic</b>	<b>£19.99</b>
<b>DMW-BCK7 for Panasonic</b>	<b>£19.99</b>
<b>DMW-BLB13 for Panasonic</b>	<b>£19.99</b>
<b>DMW-BLE9 for Panasonic</b>	<b>£12.99</b>
<b>DMW-BLF19 for Panasonic</b>	<b>£19.99</b>
<b>DMW-BMB9 for Panasonic</b>	<b>£22.99</b>
<b>D-Li50 for Pentax</b>	<b>£12.99</b>
<b>D-Li90 for Pentax</b>	<b>£12.99</b>
<b>D-Li109 for Pentax</b>	<b>£12.99</b>
<b>SLM-1137D for Samsung</b>	<b>£9.99</b>
<b>SLM-1674 for Samsung</b>	<b>£12.99</b>
<b>BG-1 for Sony</b>	<b>£19.99</b>
<b>BX-1 for Sony</b>	<b>£14.99</b>
<b>NP-FM500H for Sony</b>	<b>£19.99</b>
<b>NP-FH50 for Sony</b>	<b>£19.99</b>
<b>NP-FW50 for Sony</b>	<b>£24.99</b>

### Professional Battery Grips

A range of professional battery grips from Hahnel. All can take two Li-ion batteries for double the battery power, AA battery compartment and/or vertical shutter release and/or infrared remote, depending on model.

<b>For Canon 5DmkII:</b>	<b>£84.99</b>
<b>For Canon 5DmkIII:</b>	<b>£84.99</b>
<b>For Canon 7D:</b>	<b>£84.99</b>
<b>For Canon 60D:</b>	<b>£84.99</b>
<b>For Canon 550D:</b>	<b>£84.99</b>
<b>For Canon 600D:</b>	<b>£84.99</b>
<b>For Canon 650D:</b>	<b>£84.99</b>
<b>For Canon 700D:</b>	<b>£84.99</b>
<b>For Nikon D600:</b>	<b>£84.99</b>
<b>For Nikon D800/D800E:</b>	<b>£84.99</b>
<b>For Nikon D7000:</b>	<b>£84.99</b>

### Universal Charger

The NEW Hahnel UniPal charger is able to charge AA, AAA, Li-Ion batteries, cameras, phones, iPods and more! Mains power cable, plus 12V car charger. Full details on our website.



# PHOTO & OPTIC SHOW



Book online  
cambrianphoto.co.uk

Headline Speaker - Charlie Waite

## Workshops & Seminars

Paul Sanders

Margaret Salisbury

Dave Kai Piper

Jonny Williams

## Reasons to attend

Great one day deals

Sensor cleaning

Try out new products

Our famous lemon cake

23rd May 2015  
10am - 6pm

## Photo Competition

Chance to WIN

Sigma 150 - 500mm Lens

## Colwyn Bay (Main Show)

87-89 Abergale Road,  
Colwyn Bay, LL29 7SA

## Llandudno (Air Show)

10 Vaughan Street,  
Llandudno, LL29 1AH

## Contact us

01492 532510

[www.cambrianphoto.co.uk](http://www.cambrianphoto.co.uk)

**Canon**

**FUJI**

**Nikon**

**Panasonic**

**SIGMA**

**SONY**

many more...



just

[www.cameraclean.co.uk](http://www.cameraclean.co.uk) • Telephone 01793 855663

## Katana 2 Gimbal Head

The Katana 2 Gimbal Head is a solid, precision built piece of equipment. It allows you effortless control over your heaviest telephoto lenses, smoothly tracking birds in flight or as a solid platform for panoramas.

- Smooth panning and tight locking mechanism
- Arca-compatible lens mount
- Deep groove ball bearings, sealed; maintenance-free
- Oversized knobs
- Anodised scratch-resistant finish



## PMG-DUO Video Slider

Introducing the world's first dual action slider featuring both curved and straight tracks in one body.

The custom wheels with roller bearings provide low resistance, delivering smooth motion on the tracks, giving your videos professional dynamic action.

Available lengths:  
24, 32, 36 or 48 inches



**ProMediaGear®**



**D4s**



**Body £4449**

**D750**



**Body only  
£1749**

**D810**



**Body £2399**

**D7200**



**Body £919**

**+18-105mm £1095**

**Coolpix P900**



**£499**

The ultimate bridge camera

Huge 83x optical zoom lens

Vari-angle 3" LCD screen

High resolution EVF viewfinder

WiFi and GPS built in

Fast autofocus

Full HD movie shooting



**Great value - Twin lens kits**

**D3300 + 18-55 VR II & 55-200 VR II £529**  
**D5300 + 18-55 VR II & 55-200 VR II £699**

**Selection of stocked lenses**

20mm f1.8	<b>£679</b>
24mm f2.8 PCE	<b>£1465</b>
35mm f1.8 DX	<b>£129*</b>
35mm F1.8 FX	<b>£429</b>
50mm f1.8	<b>£140</b>
50mm f1.4	<b>£279</b>
85mm f1.8	<b>£325*</b>
105mm f2.8 VR Micro	<b>£529*</b>
300mm f4 PF VR	<b>£1639</b>
300mm f2.8 VR II	<b>£4029</b>
14-24mm f2.8	<b>£1315</b>
18-35mm f3.5-5.6	<b>£519</b>
24-70mm f2.8	<b>£1060*</b>
70-300mm VR	<b>£359*</b>
70-210mm f4 VR	<b>£949</b>
70-200mm f2.8 VR II	<b>£1354*</b>
80-400mm VR II	<b>£1624*</b>
TC14E III Converter	<b>£449</b>
TC20E III Converter	<b>£368</b>

\*Price includes Cashback from Nikon UK

**D5500**



**+ 18-55mm VR II £635**

**Speedlights**



**SB910**

**£339**

**SB700**

**£229**

**SB500**

**£199**

**We also have a large range of quality used equipment in stock.**

# SAS

Est. 1991

[specialauctionservices.com](http://specialauctionservices.com)

Photographica Auctions  
Express – 21 May  
Fine – 2 & 3 July



*A very rare Urban-Smith Kinemacolor Camera no. 132, circa 1910, and a selection of lots from a very large and important collection of rare mahogany and brass cameras, stereoscopic cameras and viewers in our 2 July sale*

Our Fine and Express sales in September and October last year realised around £250,000, with exceptional prices realised for lenses by Dallmeyer, Ross and Hugo Meyer. Our 2 July sale already includes the finest collection of mahogany and brass cameras and stereoscopic cameras and viewers ever offered in these rooms, including wet plate and transitional cameras, rare brass lenses and pieces by Hare, Meagher, Gandolfi, Rouch, Gaumont, Newman & Guardia, Lancaster, Dallmeyer, Ives, Chapman, Mackenstein, Sinclair, Sanderson and Thornton-Pickard. The sale also includes a large collection of Leica cameras, lenses and accessories, some with military engravings. For further information, or to get a valuation, please contact Jonathan Brown or Hugo Marsh on: + (0)1635 580595 or [hugo@specialauctionservices.com](mailto:hugo@specialauctionservices.com)



All our cameras are genuine UK stock - NEVER Grey Imports

# Canon Professional Dealer

## NEW 50 MegaPixel EOS 5Ds and 5Ds R PRE-ORDER WITH 10% DEPOSIT

EOS 1DX Body - 2yrs 0%	£4,449	EOS 700D + 18-55 STM	£539	70-200mm f4 IS	£892	85mm f1.4	£288
<b>£400 PX BONUS on 1DX - £400</b>		EOS 700D + 18-135 STM	£709	70-200mm f2.8 L	£1,019	85mm f1.2	£1,499
EOS 5D Mk III	£2,249	8-15mm f4 L Fisheye	£949	70-200mm f2.8 L IS II	£1,599	100mm Macro f2.8	£385
EOS 5D III + 24-105 IS	£2,749	10-18mm f4.5-5.6 IS	£229	70-300mm f4-5.6 IS	£369	100mm Macro f2.8 L IS	£669
EOS 5D III + 24-70 f2.8 II	£3,699	10-22mm f3.5-4.5	£419	70-300mm f4-5.6 L IS	£959	300mm F4 L IS	£999
<b>NEW EOS 5Ds</b>	<b>£2,999</b>	16-35mm f4 L IS	£789	100-400mm f4.5-5.6 L	£1,199	300mm F2.8 L IS II	£4,899
<b>NEW EOS 5Ds R</b>	<b>£3,199</b>	16-35mm f2.8 L	£1,149	100-400mm f4.5-5.6 L NEW	£1,999	400mm F5.6 L	£989
Pre-order WITH 10% DEPOSIT		17-40mm f4 L	£569	200-400mm f4 L IS 1.4x	£8,598	400mm f2.8 L IS II	£7,799
<b>EOS 7D Mk II - IN STOCK</b>	£1,429	17-55mm f2.8 IS	£532	24mm f2.8 IS	£469	500mm f4 L IS II	£6,898
EOS 6D	£1,169	24-70mm f4 L IS	£749	24mm f1.4 L II	£1,199	600mm f4 L IS II	£8,895
EOS 6D + 24-70 f4 IS USM	£1,849	24-105mm f4 IS	£749	35mm f2 IS	£469	800mm f5.6 L IS	£9,899
EOS 70D	£749	18-200mm	£445	35mm f1.4	£1,029	<b>2x III WITH LONG PRIMES FREE</b>	
EOS 70D + 18-55 STM	£849	70-200mm f4	£471	50mm f1.4	£247	1.4x or 2x Extender	£329
				50mm f1.2	£1,049	600EX-RT Speedlite	£469



# Nikon

# Professional Dealer

NEW D5500 available / D7200 PRE order with 10% deposit

D4S - D810 - D750 - D610 - D7100 - D5300 - LENSES - FLASHGUNS - ACCESSORIES



D4S Body	£4,679	D5300 + 18-55mm	£575	70-300mm f4.5-5.6 VR	£439	200mm f2 G ED VR II	£4149
<b>2 YEAR UK WARRANTY</b>		D5300 + 18-140mm	£759	80-400mm f4.5-5.6 VR	£1,899	300mm f2.8 G VR II	£4,149
Df + 50mm f1.8	£2,295	D3300 + 18-55mm	£399	200-400mm f4 VR	£5,149	400mm f2.8 G VR	£10,399
<b>D810 £400 PX BONUS</b>	£2,399	10-24mm f3.5-4.5 DX	£639	<b>NEW</b> 20mm f1.8	£679	500mm f4 G ED VR	£5,899
D810 + 24-120mm f4	£3,195	14-24mm f2.8	£1,339	24mm f1.4	£1,489	600mm f4 G VR	£7,149
D810 + 24-70mm f2.8	£3,599	16-35mm f4 VR	£829	28mm f1.8 G	£495	800mm f5.6 FL VR+TC1.25	£14,995
D810 + 14-24mm f2.8	£3,699	16-85mm f3.5-5.6 VR DX	£449	35mm f1.8 G ED	£155	PC-E 24mm f3.5	£1,479
<b>NEW D750 Body</b>	£1,750	18-35mm f3.5-4.5	£569	35mm f1.4 G	£1,329	PC-E 45mm f2.8	£1,399
D750 + 24-120mm f4	£2,349	18-140mm f3.5-5.6 VR	£489	50mm f1.8 G	£155	2x TC-20 E III Converter	£365
D610	£1,285	18-200mm f3.5-5.6 VR II DX	£599	50mm f1.4 G	£295	1.4x TC-14 E III Converter	£449
D610 + 24-120mm f4	£2,109	18-300mm f3.5-5.6 VR DX	£679	58mm f1.4 G	£1,399	SB910 Speedlight	£349
D7100 Body	£759	24-70mm f2.8	£1,249	85mm f1.8 G	£379	SB700 Speedlight	£229
D7100 + 18-105mm VR	£919	24-120mm f4 VR	£829	85mm f1.4 G	£1,169	SB-R1C1 Commander	£565
D7000 Body	£579	28-300mm f3.5-5.6 VR	£659	<b>NEW</b> 300mm f4 EPFEDVR	£1,639	SB-800 Comander Unit	£269
D7000 + 18-105mm VR	£699	70-200mm f2.8 VR II	£1,629	105mm f2.8 Micro VR	£629	Coolpix A Camera	£475
		70-200mm f4 VR	£999	85mm f3.5 Micro VR DX	£369	WT-5	£449

# HASSELBLAD

H5D-40 Body Set	£8,995	S (type 007) Body	£18,720	X-T1 + 18-135mm	£1,349		
H5D-40 + 80mm f2.8 Lens	£10,995	S-E Body	£12,480	X-T1 + 18-55mm	£1,179		
H5D-50	£20,895	M-P Silver/Black	£5,650	X-T1 Body	£879		
H5D-50 Multi-Shot	£26,750	M (type 240) Silver/Black	<b>£4,299</b>	X-T1 Graphite Body	£999		
H5D-50c	£19,995	<b>Demo camera in store</b>		X100T Silver/Black	£949		
H5D-50c Wi-fi	£23,634	M Monochrom Silver/Black		X-Pro1 +18mm +27mm	£699		
H5D-50c Multi-Shot	£26,779	T Body Silver/Black	£5,975	X-E2 + 18-55mm	£729		
H5D-60	£29,750	T body + 23mm Lens	£1,350	X30 Silver/Black	£399		
H5D-200 Multi-Shot	£32,995	X 2	£2,700	XF 16-35mm f2.8 R LM WR	£899		
H5D-200c Multi-Shot	£33,795	X Vario Silver/Black	£1,499	XF 10-24mm f4 OIS	£729		
CFV-50c Digital Back	£11,400	X (type 113) Silver/Black	£1,550	XF 18-135mm f3.5-5.6 OIS	£579		
In store demo available. See Website for full list of Hasselblad lenses and accessories		X-E (type 102)	£1,250	XF 50-140mm f2.8 OIS	£1,099		
		D-Lux 6	£529	XF 55-200mm f3.5-4.8 OIS	£495		
		D-Lux (type 109)	£825	XF 14mm f2.8	£649		
		V-Lux (type 114)	£925	XF 23mm f1.4	£649		
		C Camera Gold/Red	£495	XF 35mm f1.4	£399		
		See Website for full list of Leica lenses and accessories		XF 56mm f1.2	£729		
				XF 56mm f1.2 APD	£999		

# Leica

<b>SPORT OPTICS</b>	8x20 Monovid	£329
	8x20 Trinovid BCA	£334
	10x25 Trinovid BCA	£357
	8x20 Ultravid BR	£510
	10x25 Ultravid BR	£535
	8x20 Ultravid BL (Leather)	£561
	10x25 Ultravid BL (Leather)	£578
	8x32 Ultravid HD	£1,449
	10x32 Ultravid HD	£1,479
	10x32 Ultravid HD	£1,494
	8x42 Trinovid	£994
	10x42 Trinovid	£1,037
	10x42 Ultravid HD	£1,399
	7x42 Ultravid HD-Plus	£1,649
	8x42 Ultravid HD-Plus	£1,650
	10x42 Ultravid HD-Plus	£1,700
	10x50 Ultravid HD	£1,749
	12x50 Ultravid HD	£1,810

# FUJIFILM

See website for full listing
Cash back available

# SWAROVSKI

8X25 Pocket CL Green/Black	£485
10X25 Pocket CL Green/Black	£525
8x32 EL SWAROVISION	£1,440
10x32 EL SWAROVISION	£1,467
8x42 SLC	£1,179
10x42 SLC	£1,242
8x56 SLC	£1,647
10x56 SLC	£1,692
15x56 SLC	£1,737
8.5x42 EL SWAROVISION	£1,764
10x42 EL SWAROVISION	£1,782
10x50 EL SWAROVISION	£1,899
12x50 EL SWAROVISION	£1,917
8x42 EL Range	£2,151
10x42 EL Range	£2,225

# GoPro

Hero4 Black	£369
Hero4 Black - Motor Sports	£369
Hero4 Silver	£289
Hero4 Silver - Motor Sports	£289
Hero+3 Black - Music	£269
Hero	£99

See Website for full list of GoPro Mounts and accessories

# Manfrotto



ASK THE EXPERTS AT  
**london camera exchange**  
THE UK'S FAVOURITE PHOTO SPECIALIST

# THE NEW AND **USED EQUIPMENT** SPECIALISTS

FIND THAT ELUSIVE **USED**  
**CAMERA** OR **ACCESSORY**  
ON OUR WEBSITE



**WE WANT  
YOUR USED  
CAMERAS  
& LENSES**



**WE PAY CASH**  
FOR GOOD QUALITY  
CAMERA EQUIPMENT

**VISIT YOUR LOCAL  
LCE BRANCH TODAY!**

For amazing part-exchange deals or to sell us your old equipment visit your local LCE branch.

**BATH**  
01225 462234

**BRISTOL (BALDWIN ST)**  
0117 929 1935

**BRISTOL (BROADMEAD)**  
0117 927 6185

**CHELTENHAM**  
01242 519 851

**CHESTER**  
01244 326531

**COLCHESTER**  
01206 573444

**DERBY**  
01332 348644

**EXETER**  
01392 279024

**FAREHAM**  
01329 236441

**GLoucester**  
01452 304513

**GUILDFORD**  
01483 504040

**LEAMINGTON**  
01926 886166

**LINCOLN (HIGH ST)**  
01522 528577

**LINCOLN (SILVER ST)**  
01522 514131

**LONDON (STRAND)**  
0207 3790200

**MANCHESTER**  
0161 834 7500

**NORWICH**  
01603 612537

**NOTTINGHAM**  
0115 941 7486

**PLYMOUTH**  
01752 664894

**PORTSMOUTH**  
023 9283 9933

**READING**  
0118 9592149

**SALISBURY**  
01722 335436

**SOUTHAMPTON (CIVIC CTR)**  
023 8033 1720

**SOUTHAMPTON (HIGH ST)**  
023 8022 1597

**TAUNTON**  
01823 259955

**WINCHESTER**  
01962 866203

**WORCESTER**  
01905 22314

**OPENING TIMES:**  
Monday—Saturday  
9am—5:30pm  
Selected stores open Sunday  
- please check for details.

**BRANCHES NATIONWIDE**

**UK MAIL ORDER** Next day delivery available from all LCE branches. Postage & Insurance £4.99 for most items.  
E. & O. E. Prices quoted include VAT @ 20%. Prices subject to change. Goods subject to availability.

SEARCH OUR USED EQUIPMENT AT:

**www.LCEgroup.co.uk**





Buy. Sell. Part-Exchange

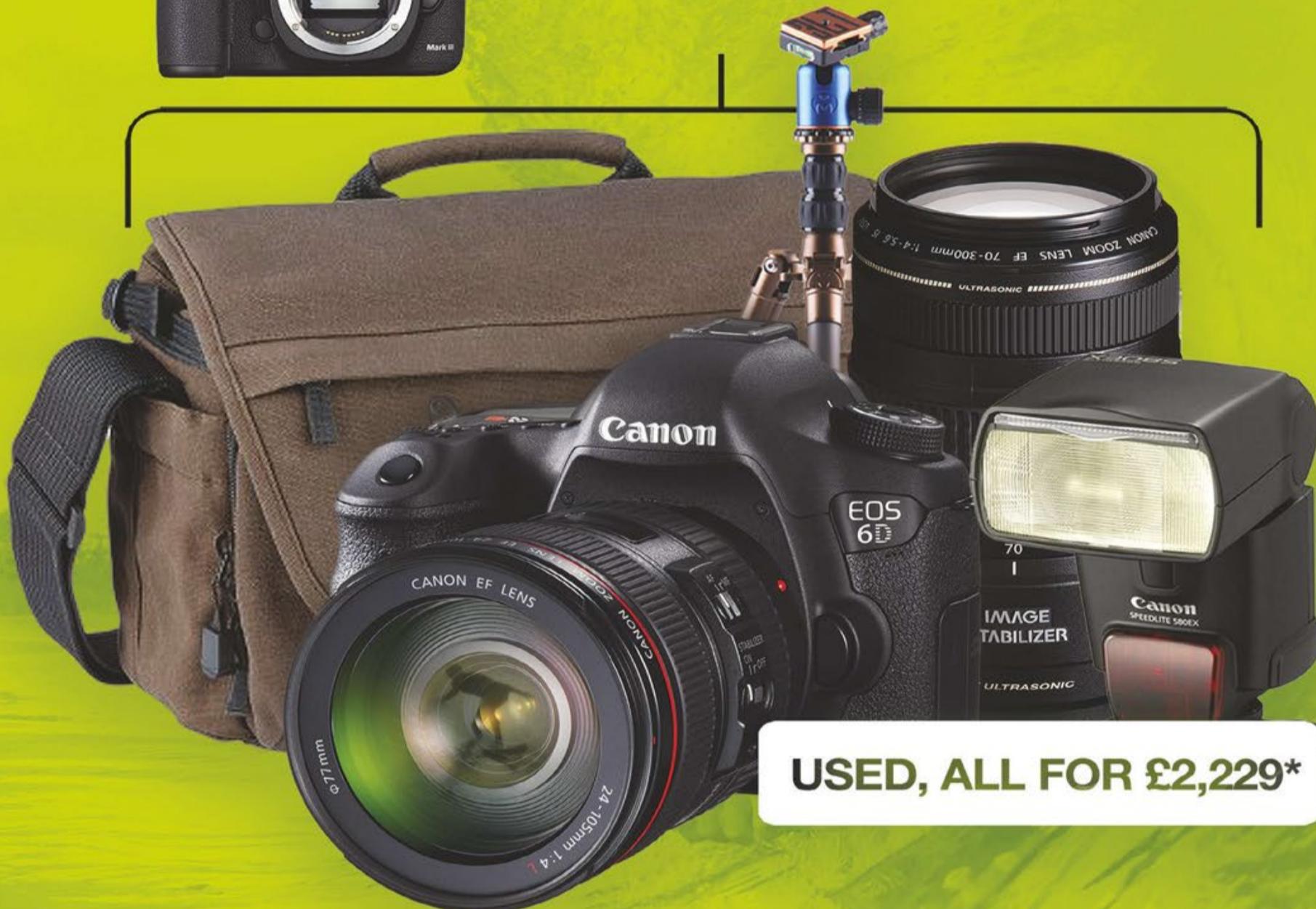
★★★★★  
Service Rated 5/5  
Based on over 300 reviews on  
[trustpilot.co.uk](https://www.trustpilot.co.uk)

**NEW**



< Why buy new for £2,249?

when you can get ALL this for less?



**USED, ALL FOR £2,229\***

✓ 6 month guarantee on used items ✓ 7 day no-quibble returns

 **camerajungle.co.uk**

**+ Sell it back to us** when you're done



Instant Online Quote

Post it, or we collect

Cash or instore credit!

If you're unsure about your options, then give our friendly staff a ring today on 020 8949 0123 Mon-Sat, 9am-5pm



# JONATHAN CRITCHLEY



Workshops & Tours to 12 countries worldwide  
Including **FRANCE, CHINA, ICELAND, AFRICA, NORWAY, PATAGONIA, & USA**

[oceancapture.com](http://oceancapture.com)

**OCEAN CAPTURE**  
PHOTOGRAPHY WORKSHOPS

# PROTECT, ORGANISE AND DISPLAY

ARCHIVAL STORAGE SOLUTIONS FOR BUSINESS AND PERSONAL USE



CD/DVD Storage



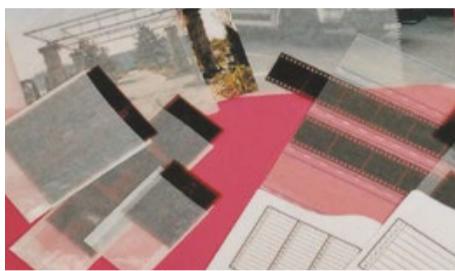
A3+ to A5 Portrait Binder Albums



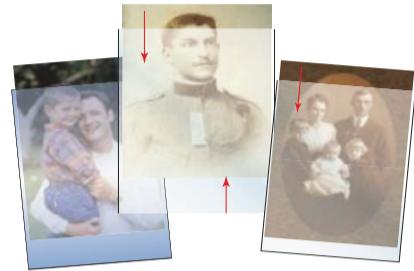
A0 to A4 Portfolio Binders & Cases



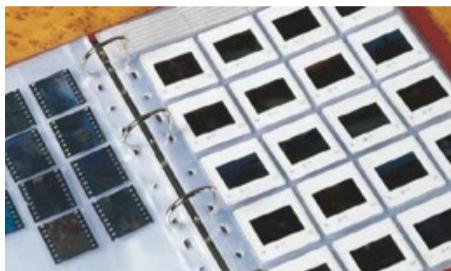
A3 to A4 Landscape Binder Albums



Negative and Slide Storage Bags



Individual Photo Pocket Sleeves



Negr and Slide Refill Sleeves



Archival Pocket Sleeves



Slip-in Albums including Digital Sizes



Traditional Photoboard Albums



Self-adhesive & Scrapbooking Albums



Wedding Photoboard Albums



Indexing and Dividers



Photographic Accessories & Gifts



CD/DVD Wallets and Portfolios



Viewing & Scanning Equipment



Archival Storage Boxes



Slide Projectors



Photo Frames



Cutting Tools and Accessories



Gallery Wall Glass Art & Mirrors



Acrylic Display Cases



Collectable Albums



Display Cabinets and Cases

0800 027 0636 [www.arrowfile.com](http://www.arrowfile.com)

 arrowfile

CLUBS & SOCIETIES BULK ORDERS WELCOME - We also offer competitive trade terms with a fast and efficient service to businesses, schools, colleges etc, please email [sales@arrowfile.com](mailto:sales@arrowfile.com) quoting **TRADEAP** with your company details for our latest trade prices or alternatively ring our call centre. Use promo code: **AP1715**

Special Readers Offer  
**15% OFF**  
your first order

Hop online to browse our latest stock - unbeatable deals on cameras, lenses and accessories!



Buy, Sell or Part Exchange  
[www.mpbphotographic.co.uk](http://www.mpbphotographic.co.uk)  
0845 459 0101



# Sell Us Your Used Gear

with our famously **hassle-free** service

- ✓ Trade in for **cash or an upgrade**
- ✓ **Free collection** from anywhere in the EU
- ✓ **Free next working day delivery** on part exchange orders
- ✓ We buy most modern photographic equipment



FREE



## Get a Quote

Fill in our quick online form or give us a call and let us know what you're selling. We'll give you a competitive quote within one working day.



## We Arrange Collection

On a suitable day for you, at no extra cost.



## You Get Paid

Directly into your bank account. If you're part exchanging, we'll send your purchased items on free next working day delivery.





## Photographers on Safari

[www.photographersonsafari.com](http://www.photographersonsafari.com)  
[info@photographersonsafari.com](mailto:info@photographersonsafari.com)



### Golden Eagle Experience in Leicestershire 2015 Dates £99

April 19th, May 17th; Golden Eagle will fly, and perch in carefully chosen natural settings. Jesses hidden for static shots. Controlled flying. Also selection from; Owls, Buzzard, Hawks, Goshawk Max. 8 photographers.

### Cheetahs, Lions, Foxes, Birds of Prey, Cambs. £109

April 18th, May 23rd; Privileged access to Cheetahs, Bengal Tiger, White Tiger & Corsac Foxes. The Cheetah & Tiger enclosures are not mowed for enhanced photographic opportunities. Private Displays by various Birds of Prey, both static & flying. Jesses hidden for static shots. New Cheetah Cubs for 2015



### Amazing Bat Photos & Learn Fill-in Flash Techniques £129

April 16th, 17th; Oxfordshire. We will concentrate on the Bats first. Take amazing bat photos. Practice fill-in flash on many other wildlife subjects in different lighting conditions. Max 4 persons. We are most happy to lend you a Canon digital camera and flash unit for the day. Indoor exhibits make weather conditions irrelevant.



### Big Cats at WHF, Smarden in Kent £149

March 21st, 28th. April 11th; Up close to African Lions, Bengal + Siberian + Sumatran Tigers, Serval, Cheetah, Pumas, Jungle Cat, Amur & Snow Leopards, Black Leopards, Clouded Leopards, Fishing Cat. Large open enclosures. UK's most popular photo workshop. Really special photo opportunities from just inches away. Two sets of Lion Cubs born July & August 2013. Huge natural enclosure. Max 12 clients.



### Big Cats at WHF, Smarden in Kent - Specialist event for just 6 photographers - includes Jaguar £199

April 8th, 9th, 10th; Full day as above, but with additional space at each enclosure. Time is also put aside to review your photos at lunchtime. One to one tuition throughout this very special day. You will see all the animals as above and you will have more personal interaction with the cats. Now including Jaguar.



### Gift Vouchers available for any Workshop or for any Monetary Value.

These Experiences make Wonderful Gifts for that Special Occasion.



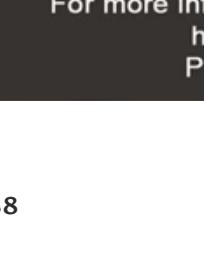
### Gorillas & African Safari Experience, Port Lympne £149

March 22nd, 29th, April 12th; 3 gorilla sessions. No wires, fences or bars throughout the day. Clean backgrounds plus Privileged Access. Photograph at eye level over moat. Huge male silverbacks + family group. Private VIP Safari for 2.5 hours. Rhinos, Wildebeest, Eland, Zebras, Giraffes, Buffalo, Ostriches, various Deer.



### Birds of Prey Workshop, Bedford £99

April 25th, 26th; Private flying displays on pre-determined flightpath helps you to focus on birds in flight. Excellent opportunities with carefully chosen backgrounds. Also static shots in outstanding wooded locations. Jesses carefully hidden. This location boasts one of the largest collections of Birds of Prey in the UK. White tailed Sea Eagle, Bald Eagles, Hawks, Owls, Falcons, Kestrels, Buzzards and Long Eared Owl (new).



### Foxes, Otters, Wildcats, Badgers & more, Surrey. £139

July 6th, 7th, 8th; Inside enclosures 'til sunset. Also Owls, Snakes, Badgers, Polecats, Weasels, Hedgehog, Harvest Mice & various Deer. This is possibly Englands longest established photographic venue. 2 sessions with the foxes, sometimes only inches away from you. Time is spent inside encloses with Foxes, Otters & Scottish Wildcats. Badgers GUARANTEED. No fences or wires to shoot through for any subject today.



### Small Cats Workshop, Welwyn, Herts. £99

April 22,23 24; Privileged access to Snow Leopards, Amur Leopards, Pumas, Caracal, Leopard Cat, Lynx, Serval, Golden Cat. As featured on recent series of TV programs on Animal Planet. Small groups. Tuition



### Bass Rock Gannets £185

June 5, 7, 11, 18, 21st; Private boat. Exclusive use of island for just 10 photographers. 50,000 pairs of nesting gannets on one small island. 4.5 hours photography. Amazing close-ups & fantastic flight shots. Large crate of fish fed to gannets as they dive into the sea. An amazing sight that you will never forget.



### Gannets diving off Bass Rock £99

June 19th; Fantastic new workshop for 2014. We sail round Bass Rock without landing on the island. A whole hour of throwing fish into the sea for the Gannets to catch. Amazing diving shots. 1,000 + dives. Tuition.



### Farne Islands Puffins (Over 5 hrs photography) £89

June 6th, 10th, 17th, 20th; 20 species of birds. 50,000 puffins. Guillemots, Razorbills, Shag, Arctic Tern colony etc. You will get unbelievably close to some of the species. Get that much sought after shot of Puffins with their beaks crammed full of sand eels. Tips and Tuition. Approximately 5 hours photography.



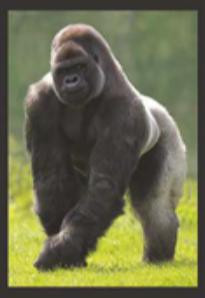
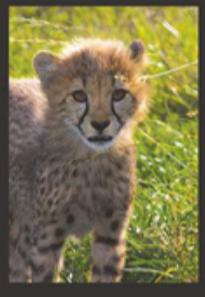
### Pro Birds of Prey Shoot, Bamburgh, Northumberland. £139

June 13th, 14th; Amazing photography opportunities. Hill top views overlooking large extensive valleys and seascapes. Rocks and gorse bushes abound. Golden Eagle, Peregrine Falcon, Snowy Owl, Eagle Owl and Barn Owl will be placed in really natural situations. Jesses will be hidden where possible for those perfect "in the wild" shots. Can combine with Bass/Farne as this location is very close to the Farne Islands.



### Pro Birds of Prey Shoot (2), Bamburgh, Northumberland. £139

June 4th, 8th, 12th, 16th; New venue. Both the falconer and the birds are different to workshop above. Venues are about 20 miles apart. We will take two of the birds down to an amazingly beautiful, little known waterfall. This will provide a unique backdrop for your subjects. The falls are surrounded by trees covered with mosses and lichens. We will photograph up to 10 different species, mainly British. Maximum 8 photographers.



For more information, please visit the website or call John Wright on 01664 474040 or 07779 648850 (preferred). We will be most happy to discuss any workshop in detail, or to send more detailed leaflets to anyone without internet access.

Photographers on Safari, West End Studios, 55 Stapleford Road, Whissendine, Oakham, Rutland. LE15 7HF

# Amateur Photographer CLASSIFIED

## Cameras For Sale



## Equipment to sell?

Great news! The global market for quality digital and film cameras, lenses and accessories is stronger than ever!

With our worldwide network of customers we're paying the highest prices for **Nikon, Canon, Leica, Fuji, Contax, Olympus, Panasonic, Sony, Zeiss, Voigtlander, Konica, Minolta, Sigma, Tamron, Tokina, Hasselblad, Pentax, Bronica, Mamiya** and other top-quality brands.

### Free Collection

Contact Jonathan Harris for an immediate quote:  
[info@worldwidcameraexchange.co.uk](mailto:info@worldwidcameraexchange.co.uk)  
 or phone 01277 631353

### Same-day Payment

**Looking to buy?** Please visit our website:  
[www.worldwidcameraexchange.co.uk](http://www.worldwidcameraexchange.co.uk)

70-200 F2.8G AFS ED VR Nikon zoom lens. Nikon TC- 14E AF-S Teleconverter. Both items absolutely mint, complete and boxed £875 O.N.O.  
 Tel 01704 536485

**PANASONIC ZOOM 28** £20. Panasonic S-VHS NV-Ms 50b camcorder boxed £30. Tripod £20. Carrying case £10. Kodak box £5. All excellent condition. Call 01255 831454

## Insurance



### Aaduki Multimedia Insurance

QUOTE AND BUY ONLINE 24 HOURS A DAY

INSURANCE FOR  
 EQUIPMENT, LIABILITY AND  
 PROFESSIONAL INDEMNITY

01837 658880

[www.aaduki.com](http://www.aaduki.com)



[@NikAaduki](http://Facebook.com/AadukiMultimedia)

## Accessories

Buy or sell at Manchester's largest selection of used photographic equipment



The **Real Camera Co.**  
 Sevendale House  
 7 Dale Street  
 Manchester M1 1JA

Tel/Fax: 0161 907 3236

E-mail: [sales@realcamera.co.uk](mailto:sales@realcamera.co.uk)

## Camera Fairs

### Photographica

Sunday 17th May • Doors open 10am-4.30pm

The UK's biggest Camera Collectors' and Users' Fair

£5 130+ stalls

RHS Lindley Hall, 80 Vincent Square,  
 Victoria, London SW1P 2PB  
 • Free street parking • No congestion charge

For tables / buyers' early entry  
 call: 01684 594526

## Wanted

**Peter Loy**

COLLECTABLE CAMERA SPECIALISTS

**CAMERA COLLECTIONS WANTED**

Telephone: +44 (0)20 8867 2751

Call us - we can come to you (UK & Europe)

[www.peterloy.com](http://www.peterloy.com)

## Photographic Backgrounds

Hard wearing • Low crease • Washable

10 COLOURS INC BLACK, WHITE & CHROMA COLOURS		

**PLAIN**  
 8' x 8', £15  
 8' x 12', £24  
 8' x 16', £29  
 PLUS P&P

20 COLOURS. SPECIAL OFFER: 8 x 12 CLOUDED - 2 FOR £80 OR 3 FOR £115		

**CLOUDED**  
 8' x 8', £27  
 8' x 12', £44  
 PLUS P&P

01457 764140 for free colour brochure or visit  
[www.colourscape.co.uk](http://www.colourscape.co.uk)

## Holidays & Courses



IAN SOUTHWELL

PHOTOGRAPHY

*Wedding Photography and  
 Portraiture Courses in  
 Beautiful Salisbury, Wiltshire.*

Ian's next course is a 2 day Wedding  
 Photography Course on Friday 27th and  
 Saturday 28th February.  
 Only 2 places left.

For more information on this or other  
 courses, please phone Ian Southwell  
 on 0844 870 7683 (local rate),  
 or visit [www.photo-training.info](http://www.photo-training.info)

## Miscellaneous

## Websites for photographers from £4.16/month

Increase visibility & sales  
 plus sell from our online gallery

Join us today—free trial

[artspan.co.uk](http://artspan.co.uk)

Please mention

**Amateur  
Photographer**

when replying to advertisements



# Final Analysis

**Roger Hicks considers...**

‘Salade Trévise’, 2001, by Philippe Bachelier

Sometimes I drop myself in it with the pictures I select. I choose them on the grounds that I like them, or think they are significant, without necessarily thinking too hard about why. Then, once the incomparable Rosie Barratt has secured the rights, often with only a name and a scan or url to work from, I have to start work.

Which is as it should be, because there are no rules about what makes a good photograph. Or if there are, there are very nearly as many rules as there are good photographs. I believe that thinking is a Good Thing: in art, as elsewhere, I accept Plato's dictum that the unexamined life is not worth living. If I have to think about why I like something, and to defend my choice in this column, I often phrase my admiration as a series of questions in the hope that forcing myself to think will also prompt my readers to think.

So why did I choose this? Here are three reasons. One is its sheer everydayness. A *salade trévise* is a radicchio, a variety of chicory, a reasonably common vegetable. It reminds us that beauty is everywhere, if we can be bothered to notice it. Look at a picture like this, think about it, and with any luck you will see a hundred more beautiful things that day, from a tiny clump of weeds struggling in a crack in the pavement to the elegant curl of a pull-tab tin-lid that you have just peeled off a can of tomatoes. Beauty is life-enhancing, and usually free: we have only to see it.

The second goes a little deeper. Is this really food, or is it merely a photograph of food, a reminder of how things used to be, an exercise in nostalgia? Is preparing food really an everyday experience any more? How often do you prepare your own food? Painters often painted their food before they ate it, and Weston's famous peppers usually came to an honest end on the table. I don't like radicchio – too bitter – but I do like cabbage, which is what I thought this was when I first saw the picture. Shredded and cooked with a little ham, a cabbage makes a meal that most of



© PHILIPPE BACHELIER

**‘I believe that thinking is a Good Thing: in art, as elsewhere, I accept Plato’s dictum that the unexamined life is not worth living’**

our 18th century ancestors would have regarded as luxurious. Next time, I may take a still life.

Finally, there is the purely photographic aspect. Never mind fifty shades of grey. Here we have infinite shades of grey, the

pearly tonality of the monochrome abstraction. Art is not merely seeing: it is seeing in a particular way, and bringing that way to the attention of others. Thus did Philippe turn a bitter vegetable into sweet art.



# All the latest products and special offers!

## Canon EOS 7D Mark II

Built for those with a love of speed. Be the first to capture the extraordinary, and grab the moments that other photographers miss. Whether it's stills or movies, express your creative side like never before.



£100  
Trade-In  
Bonus!

In stock at only **£1,399.00\*** Part exchange your old camera against the EOS 7D Mark II and receive a **bonus £100! PLUS...** see our website for further money saving offers!

### Canon EOS M3

Delivers the performance of a DSLR & the portability of a compact camera.

FREE  
EF Mount  
adapter



M3 + 18-55mm **£599.00**

Purchase the EOS M3 & receive a **FREE EF Mount adapter**. HURRY! Offer ends 19th May 2015

### Nikon D4s

Built to keep you ahead of your game, everything about the D4S powers exceptional images.

0%  
interest free  
credit for 12  
months



In stock from **£4,449.00**

Purchase the D4s & take advantage of 12 months interest free credit! Offer ends 30th May 2015

Manfrotto Advanced  
Gear Backpack S

**£39.00**



### Canon Roadshow 2015

Come and See the latest products from Canon & hear from Canon Explorer Danny Green and renowned photographer David Clapp.

**PLUS visit us on the day for  
some exclusive roadshow  
deals!**

**19TH MAY 2015 – BURGESS HILL STORE  
SIGN UP FOR FREE AT [PARKCAMERAS.COM/EVENTS](http://PARKCAMERAS.COM/EVENTS)**



**Can't see what you're after? Visit in store or visit our website  
for thousands of products at competitive prices!**

# PARK Cameras



York Road  
**BURGESS HILL**  
RH15 9TT

**Tel: 01444 23 70 60**  
**[www.ParkCameras.com/AP](http://www.ParkCameras.com/AP)**

53-54 Rathbone Place  
**LONDON**  
W1T 1JR

All prices include VAT @ 20%. See website for our opening times for both our London and Burgess Hill stores. All products are UK stock. E&OE. Please mention "Amateur Photographer" when ordering items from this advert.

Prices correct at time of going to press; Prices subject to change; check website for latest prices.

# SAMSUNG



The award winning  
Samsung NX1  
with UHD 4K video.



- Redefine image quality with the 28MP BSI APS-C CMOS sensor
- Hybrid AF with 205 phase detection, 209 contrast detection and 153 cross-type sensor points
- Fast and precise continuous shooting up to 15fps at full resolution
- Capture fast-moving action with exquisite clarity at 1/8000 sec. shutter speed
- Breathtaking 4K UHD video recording in HEVC (H.265) format
- Lifelike Electronic Viewfinder (EVF) with an ultrafast response time of 0.005 seconds
- Highly durable dust and splash resistant magnesium alloy body

**FIND YOUR SIGNATURE**

Samsung SMART CAMERA

**NX1**